THE CHEMIST AND DRUGGIST

TELEPHONE NUMBER: 3617 CENTRAL (3 lines).

Established in ENGLAND, 1859.]

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Published Weekly at 42 CANNON STREET, LONDON, E.C.

TELEGRAPHIC ADDRESS: "CHEMICUS, CANNON, LONDON." [Charged as two words only.]

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No. 1,883. Vol. LXXXVIII FEBRUARY 26, 1916.

Subscription Rate 12s. 6d. per annum. Single Copies, 6d. each. Winter and Summer Issues, 1s. each. Post Free

Extract of Malt with **Cod Liver Oil** packed in amber-tinted glass jars —labelled.

SIZES.
½ lb., 1 lb., 2 lb., 4 lb.

Orders can be received for delivery.

Allen & Hanburys, Limited, London.

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½ lb., 1 lb., 2 lb., 4 lb.

Orders can be received for delivery.

Allen & Hanburys, Limited, London.

Index and Buyers' Guide, pp. 5, 6 and 7.

WRIGHT'S COAL TAR SOAP

WINDOW DISPLAY COMPETITION

What we admire we praise ; and when we praise,
Advance it into notice, that, its worth
Acknowledged, others may admire it too.
WILLIAM COWPER.

Appreciations from Prize-winners.

SECOND SERIES—1915.

High Street, Starbeck, Harrogate. Jan. 28, 1916.
"Though Starbeck is a comparatively poor district, it may interest you to know that I sell more of your soap than any other on the market, notwithstanding that 4d. would be considered a high price to pay for a tablet of soap, which goes to prove, I think, that a good article will sell under all circumstances."
(Sgd.) JAMES W. HARPER.

High Street, Hampton Hill. Jan. 31, 1916.
"The display created great attention, with the result that Wright's Coal Tar Soap sells every day of the week." (Sgd.) H. E. CLEMENT.

Moseley, Birmingham. Jan. 28, 1916.
"We are pleased to say that the sales of Wright's Coal Tar Soap have been very good since the Window Display took place." (Sgd.) MARSHALL BROS.

242 Stanningley Road, Bramley, Leeds. Jan. 29, 1916.
"I am still keeping your soap well to the front, and hope to see the sales still continue to increase as a consequence of good advertising and a soap of real merit."
(Sgd.) ALFRED RILEY.

112 Newbridge Road, Bath. Jan. 29, 1916.
"It has certainly increased the sale of the soap, as two of my customers have bought the complete set of wrappers for the picture, so no doubt it has been, and will be, to our mutual advantage." (Sgd.) E. W. LOVELESS.

Albany Road, Coventry. Jan. 28, 1916.
"I may say that apart from the competition I always find that a window show of Wright's Coal Tar Soap brings grist to the mill, and my interest in the sales of your soap is always keen, as it is a 'live' line with a 'live' profit."
(Sgd.) W. A. BALES.

155 London Road, West Croydon. Jan. 28, 1916.
"It is always a pleasure to handle your soap, for not only does it yield a handsome profit, but invariably gives satisfaction to a customer."
(Sgd.) ED. A. PRATT.

207-209 Alfreton Road, Nottingham. Jan. 28, 1916.
"It has considerably increased the sale of Wright's Soap, more especially at Xmas." (Sgd.) W. HOLLAND.

209 Albert Street, Dundee. Jan. 28, 1916.
"There was a decided increase in the sale of Coal Tar Soap at the time of window show, which has also helped the sales considerably since."

Wright's Coal Tar Soap

WRIGHT, LAYMAN & UMNEY, LTD., Southwark, London.

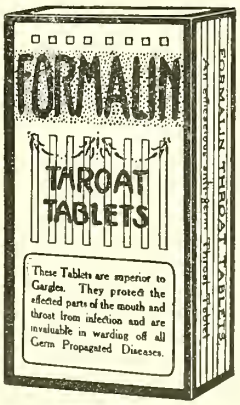
FORMALIN THROAT TABLETS.

STYLE 1.

One of the most popular and profitable lines ever offered.

50 Tablets
in a bottle,
neatly cartoned.

4/3
Per Doz.



STYLE 2.

These Tablets dissolve very slowly in the mouth, and are far superior to any similar German product. When ordering, state which carton you prefer.

IODOMINTS.

A NEW REMEDY for the PREVENTION & CURE of THROAT AFFECTIONS.

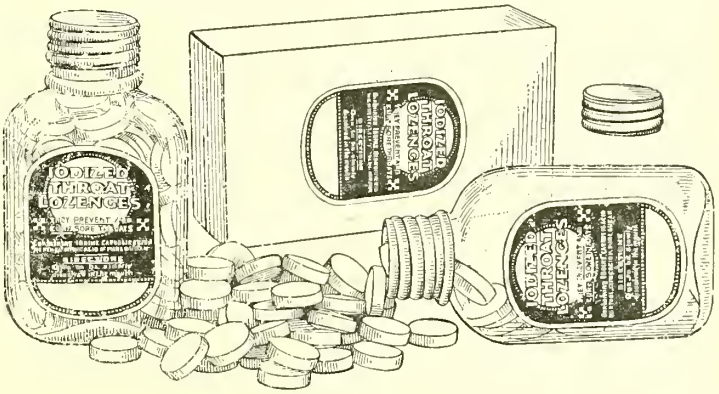
Composed of IODINE, CARBOLIC ACID, MENTHOL, CITRIC ACID, &c.

The Tablets dissolve slowly in the mouth to a wafer.

Bottles of 50 Tablets
Per **4/6** Doz.

Gross lots
Per **4/3** Doz.

Most elegantly labelled and smartly got up.
Handsome Showcard supplied free with all orders.



Now being prescribed largely by Medical Men all over the Country.

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Manufacturing Chemists

BRIGHTON
ENGLAND

Chymol

THE FOOD THAT BUILDS!

A press advertising campaign commences almost immediately.

We shall be advertising CHYMOL in daily and weekly newspapers circulating in the United Kingdom. The combined sale of these journals exceeds ten million copies, and we now ask our Pharmacist friends to support the publicity scheme by keeping CHYMOL well to the front, both at the counter and in the window.

The P.A.T.A. Prices are:

1/-, 2/6 and 10/-

THE CHYMOL COMPANY
(Armour & Co., Ltd.),
ATLANTIC HOUSE,
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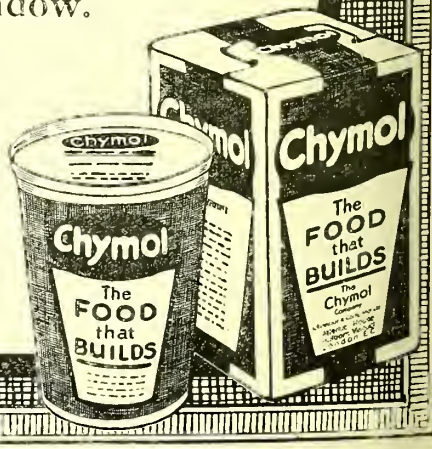

JOHN KNIGHT (LIMITED).

LYCERINE AND MUNITIONS. How British Housekeepers May Help.

E ninth annual ordinary general meeting of the shareders of this company was held Friday, February 18, at Great Eastern Hotel, Liverpool Street, Mr. John W. pe (Chairman and Managing Director) presiding.

he Secretary (Mr. Edward Newson) read the notice vening the meeting.

The Chairman, in the course of his remarks, said: I e seen it stated by some papers that John Knight, Ltd., st have made a large sum of money this year out of p. I do not think it is in the interests of the shareders generally that I should attempt to go into details to how we made our money, but perhaps it is in the erests of the trade generally that I should tell you that profit this year has not by any means been made out soap only. We have something like eighteen different artments in our works. We are seed crushers, bone nufacturers, edible oils and fat makers, and glue kers. We expect from all these different departments a per share of the profits which we make yearly. It tainly cannot be said that soap takes a prominent ition this year in the making of the profit we have pily been able to put before you. I think you will e noticed that on the credit side of the balance-sheet liquid assets form a very substantial amount of the l. As a matter of fact, our net liquid assets amount to 4,000*l.*, which is considerably over two-thirds of the full ount of the capital of the company. That, to my idea, something which makes our company appear a very ng one, and I think with that amount of liquid assets our credit we need not fear what may be in store for in the future. In connection with the investments, ch are taken in at the market value as on November 30, ight say that they include a further investment of 00*l.* in the second War Loan, thus enabling us to vert the first 10,000*l.* into the War Loan at the higher of interest; and in that last investment of 10,000*l.* ncluded a very considerable sum to cover the share profit belonging to our employés. We thought it was ry desirable thing to invest the amount that we have g at their credit in War Loan for patriotic reasons if nothing else. (Cheers.)

The Profits.

he net profits earned during the five past years show average of 60,000*l.* per annum, or just double the unt that we stated in the prospectus nine years ago we ed to be able to make from year to year. (Hear, r.) The profits are as follows: 1911, 20,628*l.*; 1912, 15*l.*; 1913, 60,262*l.*; 1914, 74,337*l.*; and this year, 170*l.*; so that I think the most captious critic would nclined to say that John Knight's business is at any progressive. (Hear, hear.) Progressiveness has some-s its disadvantages. In our case, unfortunately in one e, the excess profit duty is going to hit us harder than ir progressiveness had not been quite so prominent; I am quite sure all the shareholders will agree with directors that it is something to feel proud about that can assist the country at present with a substantial in the shape of excess profits, and still maintain our ne at the rate of the past two or three years. (Cheers.) profits earned during the past four years are equivalent e-half of the capital. I think that also is something h we may note with satisfaction.

The Importation of Luxuries.

ith reference to the action of the Government in icting the importation of paper materials, I think would have done better if they had shown a little discrimination and had prohibited the importation nore luxuries. For instance, there are considerable tities of soaps—toilet and otherwise—imported into country which we can very well manufacture here, not only save room in ships for articles of great rtance, but keep our money here instead of having nt abroad. The soap manufacturers of the country r held such an important position towards the nation ney do at the present time. Glycerine, which is an nportant constituent in the manufacture of munitions and the supplies of which depend almost entirely upon the soapmaker, is now required in such increased quantities as to render it absolutely necessary for soapmakers to obtain further and larger outlets for their production in soap, and thereby secure an increased yield of glycerine. During last October the Government commandeered the supplies of glycerin produced in this country at a price which was then considered fair and reasonable, but owing to the great scarcity of freights the raw materials required for soapmaking have advanced by leaps and bounds to such an extent that the cost of soap has within about a year increased by about 13*l.* 10*s.* per ton—that is, the cost of making soap. In ordinary circumstances soapmakers would have been fully justified in advancing the price of soap proportionately to the rise in raw materials. As, however, this would undoubtedly have had the effect of increasing imports, thereby displacing English soaps and consequently reducing the production of glycerin, the trade decided to await the assistance of the Government in preventing large quantities of soaps from being "dumped" into this country, as it was feared would occur should a substantial advance in the price of soap be made here. I think it of very great importance that the position as regards the production of glycerin should be clearly understood by the public generally. Hitherto glycerin has been looked upon by the soapmaker as a by-product, but at present, owing to the increased requirements of the Ministry of Munitions, the position is reversed, and soap must be looked upon as the by-product, so that anything that interferes with the production of soap during the war must be treated very seriously.

Foreign Soaps and British Glycerin Requirements.

When the Minister of Munitions commandeered the whole production of glycerin from the soap trade, the export of the article was automatically stopped, and as large quantities of British-made glycerin were formerly purchased by American firms for use in the United States, the value of glycerin there advanced rapidly to over three times the price at which the home product was commandeered by the British Government. The effect of this has been to place the American soapmaker in a position to compete very advantageously with soapmakers in our own country. I recently saw sample-boxes of American soaps which have been purchased by several of our largest London stores at from 10*l.* to 15*l.* per ton less than the present cost of production in this country. It is possible that the managers of these stores do not realise the serious effect the importation of such soaps at present may have upon the production of British glycerin. Each ton of soap imported means a reduction of at least 1 cwt. in the output of British glycerin, and as the requirements of the Minister of Munitions are considerably in excess of the normal production, it behoves everyone to decline to purchase imported soaps, and to insist on getting British-made goods only, thereby making it possible for the British soapmaker to augment his production of glycerin, in order to satisfy the requirements of the Government for war purposes, and at the same time preventing good English gold from being transferred abroad when it is needed in our own country. (Hear, hear.) Therefore until the Government prohibits the importation of all foreign soaps, it will readily be seen that it is of the very first importance that the purchase of soaps coming from abroad should be vetoed by the heads of all households, and last, though not least, by textile and other manufacturers throughout the country. Practical patriotism is what is most wanted to help our gallant Army and Navy to obtain victory over our enemies. (Cheers.) In conclusion, he moved the adoption of the report and accounts.

Mr. Samuel Barnett (Deputy-Chairman) seconded the resolution, which was carried unanimously.

The proceedings terminated with a cordial vote of thanks to the Chairman and directors, and to the managers and the staff.

Pick up this Money, Mr. Chemist !

CORVUSINE D.G.

The proved best and most sought after Seed Corn Dressing, with an ever-increasing demand and a most ready sa for the last 6 years, should be stocked by you.

The old methods of dressing seed-corn are entirely superseded by CORVUSINE

Corvusine embraces the work of other dressings, and at the same time adds to its merits the important work

MINDING THE CORNFIELDS in keeping away the birds.

It is absolutely successful, and when used is **always** there—**day, night and early morn.**

CORVUSINE prevents premature Ground Rot, assists Germination (this point is an invaluable asset over o dressing, such as Vitriol or Sulphate of Copper, which kill a certain percentage of germination).

USED ON THE ROYAL FARMS

BY APPOINTMENT

AN EXCELLENT SMUT DRESSING.

TO HIS MAJESTY KING GEORGE V.

Farmers are using Corvusine in large quantities If you do not stock it **you** are **losing** paying business. Th business is **waiting for you**—don't let it slip. **Generous profits to the trade. Protected prices.**

ON ACCOUNT OF THE WAR, prices of raw materials, cans and packings have greatly advanced, bu the price of Corvusine to both agent and farmer remains the same for the present. We cannot too strongly draw your attention to the necessity of ordering supplies well in advance of the season owing to transport difficulties

IF YOU ARE AN AGENT place your orders in large quantities and at once, so as not to disappoint your farmer clients.

IF YOU ARE NOT AN AGENT why lose the large profits of so good and tested a line which is now in universal demand?

WE ADVERTISE EXTENSIVELY—**you** let the farmers know you stock it. Communicate with us now, so that we may write you concerning terms and literature for coming Spring season.

ORDER NOW

Enthusiastic testimonials from users throughout the Agricultural world.

MOLEXO.

GET RID OF THE MOLES.
A New Preparation.

We are now sending out a preparation for exterminating Moles. These little pests are a source of great inconvenience to many farmers. MOLEXO is deadly to moles but harmless to other animals. It is only necessary to use MOLEXO according to the very simple directions supplied with every bottle, then raze the mole-hills to the ground, and the moles will entirely disappear MOLEXO is truly a wonderful discovery—we can send you abundant proof of its efficacy. We send it out with the utmost confidence, knowing it will fulfil all we claim for it. One bottle of MOLEXO is sufficient to exterminate hundreds of moles, and can be obtained through all CORVUSINE Agents. **In Bottles at 3/6 each.**

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HAWKER & BOTWOOD, Ltd.

59 MARK LANE, LONDON, E.C.

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White, John & James

Biological Products
Christy, Thos., & Co.

Bismuth Preparations
Symes & Co., Ltd.

Bismuth Salts
Alliance Drug & Chem. Co.
Burgoyne, Burbidges & Co.
Howards & Sons, Ltd.
Lane-Hall, R., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, Alfred, & Sons

Body Belts
Berton, Arthur, Ltd.
Maw, S., Son & Sons
Sohntse, F., & Co., Ltd.
Wood, Vincent

Books, &c.
Christy's "Monthly"
Mack-Ivor
Martindale's "Extra Pharm"
Potter's "Cyclopædia"
Southall Bros. & Barclay, Ltd.
Squire's "Companion"
White's "Analytical Reagents"

Botanic Druggists
Brook, Parker & Co. Ltd.
Newball & Mason
Potter & Clarke, Ltd.

Bottles, Jars, &c., Glass
Barnett & Foster
Ferry, T., & Son, Ltd.
Isaacs, I., & Co.
Lang, Jules, & Son
Maw, S., Son & Sons
Melin, C., & Co. | Orrocks, Ltd
Swales, T.
Thompson, J. L., & Co.
Youldon, E., Ltd.

Bougies
Bresillon, M., & Co.

Boxes
Ayrton, Saunders & Co., Ltd.
Davidson, J., & Co.
Estes, E. B., & Sons, Ltd.
Ford, Shapland & Co.
Globe Box Co.
Robinson & Sons, Ltd.
Shirley Bros., Ltd.
Stevenson, Hugh, & Sons, Ltd
Stipendum Stopper Co.
Venesta, Ltd.
Waide, T., & Sons

Bromides
Dub, A.
Fuerst Bros
Golodetz Bros., & Co.
Greeff, R. W. & Co.,
Whiffen & Sons, Ltd.

Brushes
Art & Medical Brush Mfg. Co.
Bidwell, Bidwell & Co., Ltd.
Galen Mnfg. Co., Ltd.
Hovenden, R., & Sons, Ltd.
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
Titterton & Howard

Building Sites
Great Western Railway

Butter Colouring
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

Cachets
Clark, C. S.
Cooper, Son & Co., Ltd.

Cachous
Crosse & Blackwell, Ltd.

Cacodylates
Roques, Ferdinand

Calf Lymph
Heinemann W.

Camel Hair Brushes
Art & Medical Brush Mfg. Co.

Cameras
Butcher, W., & Sons, Ltd.

Camphor
Alliance Drug & Chemical Co.
Howards & Sons, Ltd.
May & Baker, Ltd.

Cantharidin
Smith, T. & H., Ltd.

Caps for Bottles, &c.
Betts & Co., Ltd.
Gates, Leslie
Viscose Development Co., Ld (Self-fixing and Airtight)

Capsuled Pills
McKesson & Robbins

Capsules (various)
Denonal, Jules, & Co.
Evans Sons Lescher & Webb
Mawson & Co.
Robbins, John G.
Smith, Martin H., Co.
Stevenson, H. E., & Co.
Tye, John, & Son
Warrick Bros. Ltd.

Cartons
Globe Box Co.
Robinson & Sons, Ltd.
Suttley & Silverlock, Ltd.

Catarrh Remedies
Menley & James, Ltd.

Catheters
Manson, R.
Mason Bros. & Chapman
Porgès
Warne, Wm., & Co. Ltd.

Caustic Soda
Brunner, Mond & Co., Ltd.

Cellulose Acetate
Cellonite Co., Dreyfus & Co.

Cements
Kay Bros., Ltd.
Mendit, Ltd.

Chalk, Precipitated
Levermore, A., & Co., Ltd.
Mumford, G. S., & Sons
Nichols Chemical Co., Ltd.
Sturge, John & E., Ltd.

Charts
Wodderspoon & Co.

Chemical Plant
Blair, Campbell & McLean, Ld
Forshaw, E., & Son, Ltd
Scott, Geo., & Son (London), Ltd.

Chemicals
Baiss Bros. & Stevenson, Ltd.
Becker, Shillan & Co.
Boake Roberts & Co., Ltd.
Boehm F. Ltd
Bonaventura, F., & Co.
Bramwell, E., & Son, Ltd.
British Drug Houses Ltd., The
Brunner, Mond & Co., Ltd.
Burgoyne, Burbidges & Co.
Burroughs Wellcome & Co.
Carnegie Bros.
Corbyn Stacey & Co., Ltd.
Crampton, J., & Co., Ltd.
De Roubaix & Caseiers
Evans Sons Lescher & Webb, Ld
Fabra Co., Ltd.
Florey, Hartley
Golodetz Bros. & Co.
Greeff, R. W., & Co.
Hopkin & Williams, Ltd.
Howards & Sons, Ltd.
Keene Company
Lane-Hall, R., & Co.
Madoery, H.
Mallinckrodt Chem. Works
Martindale, W.
May & Baker, Ltd.
Morrison, R., & Co.
Picerno, V. A.
Reitmeyer, Calburn & Kindersley, Ltd.
Saccharin Corporation, Ltd.
Scheller, Emil, & Co., A. G.
Southall Bros. & Barclay, Ltd
Sturge, John & E., Ltd.
Tyrer, T., & Co., Ltd.
Washington Chemical Co., Ld.
White, A., & Sons
Zimmermann, C., & Co. (Chemicals). Ltd.

Chloralamide
Burgoyne, Burbidges & Co.

Chlorbutol
Burgoyne, Burbidges & Co.

Chloride of Lime
Brunner, Mond & Co., Ltd.

Chlorodyne
Davenport, J. T., Ltd.

Chloroform
Burroughs Wellcome & Co.
Duncan, Flockhart & Co.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Smith T. & H., Ltd.
Southall Bros. & Barclay, Ld.

Cigars & Cigarettes
Singleton & Cole, Ltd.

Citric Acid and Citrates
British Drug Houses, Ltd., The
Burgoyne, Burbidges & Co.
Howards & Sons, Ltd.
Pelliot, Henri, & Cie
Sturge, John & E., Ltd.

Clinical Thermometers
Burge, Warren & Ridgley, Ld.
Bush, H. W., & Co., Ltd.
Maw, S., Son & Sons
Perken, Son & Co., Ltd.
Pillischer, J.
Powell, J. T., & Co.
Zeal, G. H.

Coal Tar Specialities
Wright, Layman & Umney, Ld

Cocoa
Cadbury Bros., Ltd.

Cod Liver Oil
Allen & Hanburys, Ltd.
British Drug Houses, Ld., The
Evans Sons Lescher & Webb, Ld
Southall Bros. & Barclay, Ltd
Wright, Layman & Umney, Ld

Collapsible Tubes
Betts & Co., Ltd.
Brooks, Peel & Co., Ltd.
Venesta, Ltd.

Combs
Hovenden, R., & Sons, Ltd.

Condensers
Bennett, Sons & Shears, Ltd

Confectionery, Medicated
Guest, Thos., & Co.
Pascall, James, Ltd.

Continental Preps.
American Drug Supply Co.
Bresillon, M., & Co.
Roberts & Co.
Wilcox, Jozeau & Co.

Cookers
Blackie, Robt.
Jackson, M., & Sons
Tommy's Cooker Co., Ltd.

Corks
Ardwick Cork Depot
Mitchell, N. W., & Sons, Ltd.

Corn Plasters, &c.
Solport Bros.

Counter Adjuncts
Evans Sons Lescher & Webb, Ld

Counter Specialities
Allen & Hanburys, Ltd.
British Drug Houses, Ld., The
Burgoyne, Burbidges & Co.
Hewlett, C. J., & Sons, Ltd.
Southall Bros. & Barclay, Ltd.
Wright, Layman & Umney, Ld.

Counting and Filling Machine
Forgrove Machinery Co., Ltd

Court Plaster
Solport Bros.

Cream of Tartar
Becker, Shillan & Co.
Pelliot, Henri, & Cie

Creosote
Baiss Bros. & Stevenson Ltd

Crepe Bandages
Burge, Warren & Ridgley, Ltd.
Gimber, W., & Son
Norwich Crepe Co. (1856), Ltd.
Wood, Vincent

Cyanides
May & Baker, Ltd.

Dairy Specialities
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.
Tomlinson & Hayward, Ltd.

Deafness Preventive
Mallock-Armstrong Ear Defender Co.

Dental Mechanics
Fentiman A. G.
Halder, B. O.
Wardale & Co.

Dentifrices
Beecham, T.
Bell (John), Hills & Lucas, Ld.
Blackie, Robert
Christy, T., & Co.
Cook, E., & Co., Ltd.
Cox, Arthur H., & Co., Ltd
Euroryl, Ltd.
Levers
McKesson & Robbins
Maw, S., Son & Sons
Parke, Davis & Co.
Sangers
Standard Tablet & Pill Co., Ld
Woolley, J., Sons & Co., Ltd.

Developers (Photo.)
Evans Sons Lescher & Webb
Express Developing Co.

Dextrin
Fink, F., & Co.

Digestive Products
Armour & Co., Ltd.
Digestive Ferments Co.
Fairchild Bros. & Foster
Parke, Davis & Co.
Stearns, Fredk., & Co.

Disinfectants
Baiss Bros. & Stevenson, Ltd
Burgoyne, Burbidges & Co.
Burt, Boulton & Haywood, Ld
Ceitel Supply Agency
Cook, E., & Co., Ltd.
Harker, Stagg & Morgan, Ltd.
Hough, Hoseason & Co.
Jeyes' Sanitary Compds Ltd.
Morris, Little & Son, Ltd.
Reitmeyer Calburn & Kindersley, Ltd.
Sanitas Co., Ltd.
Stevenson, H. E., & Co.
Townley Mnfg. Co.
Willows, Francis, B. & T., Ltd
Wright, Layman & Umney, Ld.

Drop Bottles
Lang, Jules, & Son

Druggists' Sundries
Ayrton, Saunders & Co., Ltd.
Baiss Bros. & Stevenson, Ltd.
Barton, Arthur, Ltd.
Burge, Warren & Ridgley, Ld.
Burgoyne, Burbidges & Co.
Bush, H. W., & Co., Ltd.
Evans Sons Lescher & Webb, Ld
Hovenden, R., & Sons, Ltd.
Lengcroft, H. M.
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Newbery, F., & Sons, Ltd.
Reuter, R. J.
Sangers
Schutze, F., & Co., Ltd.
Solport Bros.
Southall Bros. & Barclay, Ltd
Swales, Thomas
Toogood, W., Ltd.
Woolley, J., Sons & Co., Ltd.

Drugs, Crude
Dodge & Olcott Co.
Gathergood's Exor.
Goodall, Backhouse & Co.
Lambert, Saml., & Co.
McKesson & Robbins
Morrison, R., & Co.
Potter & Clarke, Ltd.
Raimes & Co.
Welch & Horner

Eau de Cologne
Bronnley, H., & Co., Ltd.
Bush W. J., & Co., Ltd.
Christy, Thos., & Co.
Erasmic Co., Ltd.
Lescol Perfumery Co.
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Newbery, F., & Sons, Ltd.
Sangers
Schutze, F., & Co., Ltd.
Vinolia Co., Ltd.

Eau de Cologne (solid)
Damnth's Laboratories

Educational Institutions
Bath & West of England College
Birmingham & Midland Coll.
British Optical Institute
College of Preceptors
Liverpool School of Pharmacy
London College of Pharmacy
North of England School
Northern College of Pharmacy
South of England College
Westminster College

Elastic Gum Insts.
Eason Bros. & Chapman

Elastic Hosiery
Ayrton, Saunders & Co., Ltd.
Bailey, W. H., & Son
Burge, Warren & Ridgley, Ld.
Haywood, J. H., Ltd.
Maw, S., Son & Sons
Wood, Vincent

Electrical Novelties
Millard Bros., Ltd.
Ward & Goldstone
Wright, Archd. J., Ltd.

Emery and Cloth
Oakey, J., & Sons, Ltd.

Emetine Salts
Carnegie Bros.
Macfarlan, J. F., & Co.
Whiffen & Sons, Ltd

Emulsifiers
Bennett, Sons & Shears, Ltd.
Wilkinson, S. W., & Co.

Emulsions, C.L.O., &c.
Bliss Bros. & Stevenson, Ltd.
Blackie, Robert
Browning, Wm., & Co.
Cupal, Ltd.
Fielding, F. H., & Co.
Parke, Davis & Co.
Stevenson, H. E., & Co.
Wyleys, Ltd.

Enamelled Hospital Requisites
Orme, Evans & Co., Ltd.

Endolytic Tubes
Fletcher, Fletcher & Co. Ltd

Enemas
Burge, Warren & Ridgley, Ltd.
Ingram, J. G., & Son
Maw, S., Son & Sons
Warne, W., & Co., Ltd

Epsom Salts
Blythe, Wm., & Co., Ltd.
Howards & Sons, Ltd.
May & Baker, Ltd.
Mumford, G. S., & Sons

Essences, Sol. and Fruit
Alliance Drug & Chem.
Barnett & Foster
Beake Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Hay, Wm., Ltd.
London Essence Co.
Polak & Schwarz
Stevenson & Howell, Ltd
Whittaker, Arthur

Ethers
Baiss Bros. & Stevenson, Ltd.
Duncan, Flockhart & Co.
Howards & Sons, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

Eucalyptus Oil
British Drug Houses, Ltd., The
Stevenson, H. E., & Co.
Tasmanian Eucalyptus Oil Co.

Evaporators
Forshaw, E., & Son, Ltd.

Extract of Herbs
Newball & Mason
Potter & Clarke, Ltd.

Extracts (Medicinal)
Allen, Stafford, & Sons, Ltd.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb, Ld.
Gathergood's Exor.
Hewlett, C. J., & Son, Ltd.
Parke, Davis & Co.
Ransom, W. & Son, Ltd.

Feeding Bottles
Bush, H. W., & Co., Ltd.
Maw, S., Son & Sons
Schutze, F., & Co., Ltd.

Filling Machines
Forsgrove Machinery Co., Ltd
Roberts' Pat. Filling Mach Co.

Filters
British Pasteur-Chamberland Filter Co.

Flycatchers
Kay Bros., Ltd.
Smith, Jno. H., & Co.

Foods, Invalid, &c.
Allen & Hanburys, Ltd.
Bell (John), Hills & Lucas, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
British Milk Products Co.
Fairchild Bros. & Foster
Frame Food Co.
Harker, Stagg & Morgan, Ltd
Horlick's Malted Food Co.
Lorimer, John
Loftbouse & Saltmer, Ltd.
Natural Food Co., Ltd.
Sister Lannes Infant Food Co.
Southall Bros. & Barclay, Ltd
Wander, A., Ltd.
White, A. J., Ltd.
Willows, Francis, B. & T., Ltd.
Woolley, Jas., Sons & Co. Ltd.

Foot Appliances
Scholl Mnfg. Co., Ltd.

Fruit Drink
McGlashan, D.

Fuller's Earth
Mumford, G. S., & Sons

Fumigators
Sanitas Co., Ltd.

Gallic Acid
Mallinckrodt Chem. Works

Gauzes
Bailey, R., & Son
Carnegie Bros.
Taylor, W. G.

Gelatines
Crampton, J., & Co., Ltd.

Glassware, Chemical
De Roubaix & Cassiers
Lang, Jules, & Son
Melin C., & Co.
Thompson, J. L. & Co.
Toogood, Wm., Ltd.

Glycerin
Price's Patent Candle Co., Ltd.

Gold Beaters' Skin
Gates, Leslie

Gold Chloride
Johnson, Matthey & Co.

Gold Paint.
Davies, J., & Co.

Grease Paints
Hovenden, R. & Sons Ltd.
Quelch, Henry C., & Co.

Grinders, Drug, &c.
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis, B. & T., Ltd.

Gripe Water
Woodward, W., Ltd

Gummed Paper Machine.
Faire Bros., & Co., Ltd.

Gums
Fink, F., & Co.
Kidston, W. M., & Co.
Lambert, Saml., & Co.
Welch & Horner

Hair Dyes
Blackie, Robert
Harker C.R., Stagg & Morgan
Knox Walker, J., & Co.

Hair Preparations
Alexandre, L.
Anzora Perfumery Co.
Blackie, Robert
Edwards' "Harlene" Co
Franklin Co.
Kolene Co.
Ni-Verre Chemical Co.
Sangers

Hand Carts, Trucks, &c.
Crewe & Co.

Hat Cleaners
Cox, Arthur H., & Co., Ltd.
Milner's Chemical Co.

Hat Dyes
Whitaker & Co.

Herbs
Brook, Parker & Co., Ltd.
Potter & Clarke, Ltd.

Homœopathic Medicines
Ashton & Parsons, Ltd.
Keene & Ashwell, Ltd.

Horse Remedies
Harvey & Co. (Dublin), Ltd.

Hot Water Bottles
Bailey, W. H., & Son
Berton, Arthur, Ltd.
Burge, Warren & Ridgley, Ltd.
Galen Manfg. Co., Ltd.
Maw, S., Son & Sons
Toogood, William, Ltd.
Warne, Wm., & Co., Ltd.
Wood, Vincent

Hot Water Bottle Covers
Curzon, Gerrard & Co., Ltd.

Hotels
Kingsley Hotel
Thackeray Hotel

Hydrogen Peroxide
Laporte, B., Ltd.

Hypodermic Syringes
Turner, W., & Co., Ltd.

Hypophosphites
May & Baker, Ltd
Tyrer, T., & Co., Ltd.

Ink, Dichroic
Bewley & Draper, Ltd.

Insecticides
Christy, T., & Co.
Cook, E., & Co., Ltd.

Insect Powder
Potter & Clarke, Ltd.
Raimes & Co.

Iodides
Tyrer, T., & Co., Ltd.
Whiffen & Sons, Ltd.

Lactic Acid
Heymann, H.

Lanolines
Bonaventura, F., & Co.
Corbyn, Stacey & Co., Ltd.
Hillcrest Oil Co., Ltd.
Howard Lloyd & Co., Ltd.

Lard
Ewen, J., & Sons

Lavender Oil
Allen, Stafford, & Sons, Ltd.
Guillevic, E., & Co.
Ransom, W., & Son, Ltd.

Lavender Water
Bush, W. J., & Co., Ltd.
Sangers
Vinolia Co., Ltd.

Lime Juice and Cordial
Evans Sons Lescher & Webb, Ld
Idris & Co., Ltd.

Linseed, Crushed
Mumford, G. S., & Sons

Lints
Liverpool Lint Co.
Maw, S., Son & Sons
Robinson & Sons, Ltd.
Taylor, W. G.
Vernon & Co., Ltd.

Liquorice Juice
Boehm, F., Ltd.
Jackson, Ernest, & Co.
Mumford, G. S., & Sons
Selazzi

Liquors, Conc.
Fletcher, Fletcher & Co.

Lithia Salts
British Drug Houses, Ltd., The
Howards & Sons, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.

Loofah Socks
Davis, J. M., & Sons

Loofahs
Hall Forster & Co., Ltd
Internl. Sponge Importers, Ld
Solport Bros., Ltd.

Lozenges
Cox, Arthur H., & Co., Ltd.
Crosse & Blackwell
Denoual, Jules, & Co.
Guest, Thos., & Co.
Jackson, Ernest, & Co.
Parke, Davis & Co.
Potter & Clarke, Ltd.
Raimes & Co.
Warrick Bros., Ltd.

Lysols
Burt, Boulton & Haywood, Ld
Eucryl Ltd.
Evans Sons Lescher & Webb, Ld
Lysol, Ltd.

Machinery, Pharmacal
Allen & Hanburys, Ltd.
Bennett, Sons & Shears, Ltd.
Blair, Campbell & McLean, Ld.
Forgrove Machinery Co., Ltd.
Gardner, Wm., & Sons, Ltd.
Griffin, John J., & Sons, Ltd.
Pindar, J. W., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper, Ltd.
Wilkinson, S. W., & Co.

Magnesia and Preps.
Guest, T., & Co., Ltd.
Henry, T. & W.
Howards & Sons, Ltd.
Phillips, Chas. H., Chem. Co.
Washington Chemical Co., Ld.

Malt Extract and Preps.
Allen & Hanburys, Ltd.
Blackie, Robert
British Drug Houses, Ld., The
Burroughs Wellcome & Co.
Calder's Yeast Co., Ltd.
Corbyn, Stacey & Co., Ltd.
Davies, Sons & Co.
Evans Sons Lescher & Webb, Ld
Fletcher, Fletcher & Co., Ltd.
May, Roberts & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Pascall, James, Ltd.
Tolkein, C., & Co.
Wander, A., Ltd.
Wyleys, Ltd.

Mannite
Burgoyne, Burbidges & Co.

Marking Ink
John Bond ('Crystal Palace')

Measures, Graduated
Bush, H. W., & Co., Ltd.

Meat Extracts
Armour & Co., Ltd.
Brand & Co., Ltd.

Mercurials
Alliance Drug & Chemical Co.
Fuerst Bros.
Howards & Sons, Ltd.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.

Methylated Spirit
Burrough, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd. [Co., Ld.
Riddell & Smith
Thornley, Samuel, Ltd.

Mineral Waters
Camwal, Ltd.
Cheltenham Mineral Water
Idris & Co., Ltd.
Ingram & Royle, Ltd.
Vichy-Celestins

Mixers and Sifters
Gardner, Wm. & Sons (Glos.) Ld
Stokes, F. J., Machine Co.

Naphthalene
Burt, Boulton & Haywood, Ld

Nebulizers
Reuter, R. J.

Night Lights
Price's Patent Candle Co., Ld.

Oils, Essential
Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chemical Co
Beake Roberts & Co., Ltd.
Boehm, F., Ltd.
Bush, W. J., & Co., Ltd.
Dodge & Olcott Co.
Evans Sons Lescher & Webb, Ld
Guillevic, E., & Co.
Lambert, Saml., & Co.
Lane-Hall, R., & Co.
London Essence Co.
Magnus, Mabee & Reynard Inc.
Morrison, R., & Co.
Naef, M., & Co.
Polak & Schwarz
Ransom, W., & Son, Ltd.
Rubeck, H.
Stevenson & Howell, Ltd.
Welch & Horner
Wiener, R. O., & Co.
Wright, Layman & Umney, Ld.
Zimmermann, C., & Co., Ltd.

Oils, Mineral, Fatty, &c.
Allen, Stafford, & Sons Ltd.
Boehm, F., Ltd.
Price's Patent Candle Co. Ld.
Stern Sonneborn Oil Co., Ltd.

Ointments
Blackie Robert
Burgess, E.
Charleston & Co.
Milne, P. H., Co.
Oldfield, Pattinson & Co.
Peat Products (Sphagnol) Ltd.
Sangers

Olive Oil
Farris, Charles
Guillevic, E., & Co.

Opium Preparations
Ferris & Co., Ltd.
Oldfield, Pattinson & Co.

Optical Goods
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Gunther Optical Co., Ltd.
Standard Optical Co., Ltd.

Optical Tuition
British Optical Institute
College of Optics

Orange and Quinine Wine
Idris & Co., Ltd.
Millar, A., & Co., Ltd.
Robinson, B., & Co., Ltd.

Organic Solvents
Hopkin & Williams, Ltd.

Organo-Therapeutic Preps.
Armour & Co., Ltd.
British Organotherapy Co., Ld
Digestive Ferments Co.
Duncan, Flockhart & Co.
Stearns, Fredk., & Co.

Otto Rose
Guillevic, E., & Co.
Zimmermann, C., & Co., Ltd.

Otto Rose (Synth.)
Bush, W. J., & Co., Ltd.
Guillevic, E., & Co.
Kerfoot, Thos., & Co.
Maw, S., Son & Sons
Polak & Schwarz
Stevenson & Howell, Ltd
Stevenson, H. E., & Co.
Warrick Bros., Ltd.
Wright, Layman & Umney, Ld.

Oxygen Gas (in Cylinders)
Lea & Son

Packed Goods
Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, Robert
British Drug Houses, Ltd., The
Corbyn, Stacey & Co., Ltd.
Cox, Arthur H., & Co., Ltd.
Christy, Thos., & o.
Cupal, Ltd.
Davies, Sons, & Co.
Evans Sons Lescher & Webb, Ld.
Goodall, Backbouse & Co.
Harker, C. R., Stagg & Morgan
Levers
Loftbouse & Saltmer, Ltd.
May, Roberts & Co., Ltd.
Oldfield, Pattinson & Co
Potter & Clarke, Ltd.
Sangers
Shirley Bros., Ltd.
Southall Bros. & Barclay, Ltd
Standard Tablet & Pill Co., Ld.
Toogood, W., Ltd.

Palatinoids
Oppenheimer, Son & Co., Ltd.

Paper Handkerchiefs
Toinoco Handkerchief Co., Ld

Paraffinum Liquidum
Browning, Wm., & Co
Chesebrough Mnfg. Co.
Farris, Charlee
Produce Brokers Co. Ltd.
Stern Sonneborn Oil Co. Ltd.
Wiener, R. O., & Co.

Pastilles
Allen & Hanburys, Ltd.
Burroughs Wellcome & Co.
Demuth's Laboratories
Evans Sons, Lescher & Webb
Guest, Thos., & Co.
Kerfoot, Thomas, & Co.
Wander, A., Ltd.
Warrick Bros., Ltd.

Patent Agents
Barker, R. W.
Haworth, John E.

Peppermint Oil
Allen, Stafford, & Sons Ltd.
Bush, W. J., & Co., Ltd.
Dodge & Olcott Co.
Ransom, W., & Son, Ltd.
Rudd, F. M.
Stevenson & Howell, Ltd.

Pepsine
Digestive Ferments Co.
Stearns, Fredk., & Co.

Peptone
Armour & Co., Ltd.
Digestive Ferments Co.
Fairchild Bros. & Foster
Stearns, Fredk., & Co.

Perfume Materials
Bush, W. J., & Co., Ltd.
Guillevic, E., & Co.
Kerfoot, T., & Co.
Lane-Hall, R., & Co.
Naef, M., & Co., Succrs.
Polak & Schwarz
Stevenson & Howell, Ltd.
Wright, Layman & Umney, Ld.
Zimmermann, C., & Co. Ltd.

Perfumes
Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Ltd.
British Drug Houses, Ld., The
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Demuth's Laboratories
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, Ld
Lescol Perfumery Co.

Potter & Cl[illegible]e, Ltd.
Price's Co., [illegible]
Quelch, H. [illegible] & Co.
Rigaud
Shirley Bro[illegible] Ltd.
Southall Br[illegible] & Barclay, L[illegible]
Vinolia Co., [illegible]d.
Warrick Br[illegible] Ltd.
West, T., & [illegible]

Pills
Tye, John, & [illegible]n

Pessari[illegible] (Soluble)
Burge, War[illegible] & Ridgley, L[illegible]
Rendell, W.

Petrol[illegible]m Jelly
Chesebroug[illegible] Mfg. Co.
Kidston, W. [illegible] & Co.
Meads-King[illegible]obinson & Co.
Stern Sonne[illegible] Oil Co., Ltd
Wiener, R. O. & Co.

Phenacetin
Greeff, R. W. [illegible] Co.
Monsanto Chemical Works

Phosphorus and Phosphides
May & Baker Ltd.
Tyrer, T., & Co. Ltd.

Photo. Chemicals
Greeff, R. W. [illegible] Co.
Lane-Hall, R. [illegible] Co.
Reitmeyer, [illegible]burn & Ki[illegible]
[illegible]dersley, Ltd.

Photo Goods
Ayrton, Sa[illegible]ers & Co., Ltd
Burroughs [illegible]lcome & Co.
Butcher, W. [illegible] Sons, Ltd.
Evans Sons L[illegible]ers & Webb, L[illegible]
Kent, G. B. [illegible]ons, Ltd.
Lennon, Ltd.
May, Robert [illegible] Co., Ltd.
Newbery, F. [illegible]ons, Ltd.
Rajar, Ltd.
Sangers
Wyleys, Ltd.

Photo. [illegible]steards
Rajar, Ltd.

Pill [illegible]akers
Cox, A. H., & [illegible] Ltd.
Davies, Sons [illegible]o.
Howard Lloy[illegible] Co., Ltd.
Kirby, H. & [illegible] Co., Ltd.
McKesson & [illegible]bbins
Standard Tab[illegible] & Pill Co., Ld
Wand Manufa[illegible]ring Co.

Plasters
Allcock Man[illegible]turing Co.
Dalmas, A. d[illegible] & Co.
Galen Manuf[illegible] Co., Ltd

Plat[illegible]um
Johnson, Mat[illegible]y & Co., Ltd

Poisons Varisa[illegible]
Bradley & Bo[illegible]
Oakey, J., & S[illegible] Ltd.

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Papier Pondr[illegible] Ltd.

Prin[illegible]ers
Cartwright & [illegible]tray, Ltd.
Ford, Shaplan[illegible]
Harrison, Alf[illegible] Sons
Suttley & Sil[illegible]ox, Ltd.
Townsend, J. [illegible]ons
Waide, T., & S[illegible]
Wilkinson, Ja[illegible] F.

Proprietary Articles
Anglo-Amer. [illegible]rm. Co., Ltd.
Ashton & Par[illegible], Ltd.
Beecham, T.
Bell (John), Hi[illegible] Lucas, Ltd.
Bishop, Alfred [illegible]d.
Browning, W. [illegible] Co.
Burgess, E.
Christy, T., & [illegible]
Cupal, Ltd.
Daisy, Ltd.
Davenport, J. [illegible] Ltd.
Delons, Ltd.
Edwards, W., [illegible]n
Fellows' Med. [illegible]nfg. Co.
Fennings, Alf[illegible]
Fulford, G. E., [illegible]
Goodall, Back[illegible]se & Co.
Hommel's (Dr. [illegible]ematogen
Kay Bros., Ltd
Kutnow, S., & [illegible] Ltd.
Kyho Proprie[illegible] Ltd.
Laboratory of [illegible]neral Pharmacology
Mandall & Co., [illegible]
May, Roberts [illegible] Ltd.
Newbery, F., & [illegible]ns, Ltd.
Oppenheimer, [illegible] & Co., Ltd.
Owbridge, W. [illegible] Ltd.
Phillips, Chas. [illegible] Chem. Co.
Primer, J.
Resinol Chemi[illegible] Co.
Rooke, Dr. Cha[illegible] Ltd.
Standard Table[illegible]rm Co. Ld.
Tanbridge & W[illegible]t
Wander, A., Lt[illegible]
Warrick Bros. [illegible]
White, A. J., L[illegible]
Willcox, Joze[illegible] Co.
Woodward, W. [illegible]d
Wright, Layma[illegible] Umney, Ld.
Zol, Ltd.

Pu[illegible]
Schutze, F., & [illegible] Ltd.
Solport Bros.

Pyrogal[illegible] Acid
Greeff, R. W. [illegible]

Quillai[illegible] Bark
Welch & Horne[illegible]

Quinine [illegible]d Salts
Alliance Drug [illegible]em. Co.
Bandoeng Quin[illegible] Factory
Carnegie Bros.
Corbyn, Stace[illegible]o., Ltd.
Greeff, R. W. [illegible]
Howards & Son[illegible] Ltd

Radio-[illegible]tives
Mine[illegible]ls
Harrington Bro[illegible] Ltd.

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H.
Razors
B., & Sons, Ltd.
W. P.
son & Sons
Crescents
Williams. Ltd.
Recipes
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Resins, Resinoids
Ford, & Sons, Ltd.
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Saccharin
Corporation, Ltd.
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J., Ltd.
Seas Salt
Son, Ltd.
Seed Dressing
Botwood, Ltd.
& Hayward, Ltd.
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s Wellcome & Co., Ld
, & Co.
Lescher & Webb, Ld
ris & Co.
ssen & Co.
Shares
& Tucknisa
Sheep Dips
ton & Haywood Ld.
ttle & Son, Ltd.
& Hayward, Ltd.
Slip Fittings
ham, Ltd.
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Lescher & Webb, Ld.
dup, & Sons, Ltd

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Parnall & Sons
Ruddock & Co.
Sangers
Shoulder Straps
Wood, Vincent
Silver Salts
Johnson, Matthey & Co., Ltd.
Soap Plant
Forshaw, E., & Son, Ltd.
Scott, Geo., & Son (London), Ltd.
Soaps, Medicated
Midgley, Chas., Ltd.
Soaps, Toilet, &c.
Allen & Hanburys, Ltd.
Bell (John), Hills & Lucas, Ld.
Bronnley, H., & Co., Ltd.
Chesebrough Manfg. Co.
Christy, Thos., & Co
Cleaver, F. S., & Sons, Ltd.
Cook, E., & Co., Ltd.
Erasmic Co., Ltd.
Encryl, Ltd.
Evans Sons Lescher & Webb, Ld
Ewen, James, & Sons
Faulding, F. H., & Co.
Field, J. C. & J., Ltd.
Hovenden, R., & Sons, Ltd.
Knight, John, Ltd.
Lesool Perfumery Co.
Pears, A. & F., Ltd.
Peat Products (Sphagnol) Ltd.
Price's Patent Candle Co., Ld.
Resinol Chemical Co.
Vinolia Co., Ltd.
Wright, Layman & Umney, Ld
Sodium Bicarbonate
Brunner, Mond & Co., Ltd.
Howards & Sons, Ltd.
Sodium Hyposulphite
Nicholson, J., & Sons, Ltd
Soothers
Schutze, F., & Co., Ltd.
Spectacles
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Gunther Optical Co., Ltd.
Spermaceti
Farris, Charles
Price's Patent Candle Co., Ld.
Spices (Ground)
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Spirit of Wine
Burrough, J., Ltd.
Calder, J., & Co., Ltd.
Preston's Liverpool Distillery Co., Ltd.
Sponges
Internl. Sponge Importers, Ld
Sprays
Burge, Warren & Ridgley, Ltd.
Christy, Thos., & Co.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons

Parke, Davis & Co.
Sangers
Toogood, Wm., Ltd.
Sprinkler Corks
Betts & Co., Ltd.
Brooks, Peel & Co., Ltd.
Starch
Mumford, G. S., & Sons
Stills
Bennett, Sons & Shears, Ltd
Forshaw, E., & Son, Ltd.
Stokes, F. J., Machine Co.
Stoppers
Stipendum Stopper Co.
Sulphur
Reitmeyer Calbnrn & Kindersley, Ltd.
Suppositories
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Surgical Appliances & Dressings
Allen & Hanburys, Ltd.
Bailey, B., & Son
Baiss Bros. & Stevenson, Ltd
Berton, Arthur, Ltd.
Burgoyne, Burbidges & Co.
Burroughs Wellcome & Co.
Bush, Henry W., & Co., Ltd.
Christy, Thos., & Co.
Cuxson, Gerrard & Co., Ltd.
Dalmas, A. de St., & Co.
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Thermogene Co., Ltd.
Van Horn & Sawtell
Vernon & Co., Ltd.
Vernon, Will, & Sons
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Woolley, J., Sons & Co., Ltd
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Stevenson & Howell, Ltd
Syphons
Barnett & Foster
Camwal, Ltd.
Idris & Co., Ltd.
Syringes
Bresillon, M., & Co.
Bush, H. W., & Co., Ltd.
Hough, Hoseason & Co.
Lang, Jules, & Co.
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Anglo-American Pharmaceutical Co., Ltd.
Fellows' Med. Mnfg. Co.

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Idris & Co., Ltd.
Perrier, Ltd.
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Allen & Hanburys, Ltd.
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Griffin, John J., & Sons, Ltd.
Thompson & Capper, Ltd.
Wilkinson, S. W., & Co.
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British Drug Houses, Ld., The
Brook, Parker & Co., Ltd.
Burgoyne, Burbidges & Co.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
Duncan, Flockhart & Co.
Evans Sons Lescher & Webb, Ld
Guest, Thos., & Co.
Howards & Sons, Ltd.
Jackson, Ernest, & Co.
Kirby, H. & T., & Co., Ltd.
Parke, Davis & Co.
Scheller, Emil, & Co.
Shirley Bros., Ltd.
Southall Bros. & Barclay, Ltd.
Standard Tablet & Pill Co., Ld.
Thompson & Capper, Ltd.
Wand Manfg. Co.
Wigglesworth & Co.
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Talc, Powdered
Levermore, Aug., & Co.
Tea
Christy, Thos., & Co.
Tea, &c., Tablets
Ayrton, Saunders & Co., Ltd.
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Polak & Schwarz
Zimmermann, C., & Co., Ltd.
Theobromine
Scheller, Emil, & Co.
Smith, T. & H., Ltd.
Societelt voor Chemische Industrie Katwijk
Thymol
Rubeck, H.
Verona Chemical Co.
Tinctures in Bond
Allen, Stafford, & Sons, Ltd.
Macfarlan, J. F., & Co.
Ransom, W., & Son Ltd.
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Venesta Ltd.
Tobacco
Singleton & Cole, Ltd.
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Anglo-French Perfumery Co.
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Cleaver, F. S., & Sons, Ltd.
Cuxson, Gerrard & Co.

Dearborn, Ltd.
Essona Perfumery Co.
Fulford, G. E., Ltd.
Goodall, Backhouse & Co.
Hall Forster & Co., Ltd.
Knight, John, Ltd.
Knox-Walker, J., & Co., Ltd.
Lloyd, Aimeé, & Co.
Papier Poudré, Ltd.
Quelch, H. C., & Co.
Reuter, R. J.
Rosmarine Mnfg. Co.
Stevenson & Howell, Ltd.
Vinolia Co., Ltd.
Toilet Paper
Ayrton, Saunders & Co., Ltd.
Burgoyne, Burbidges & Co.
Ford, Shapland & Co.
Townsend, J., & Sons
Trade-Marks Agents
Barker, R. W.
Ford, Shapland & Co.
Raworth, John E.
Trade Protection
Assoc. of Mnfg. Chemists, Ld.
Translations
Mascarenhas, Dr.
Trusses
Bailey, W. H. & Son
Bush, H. W., & Co., Ltd.
Davis, J. M., & Sons, Ltd.
Haywood, J. H., Ltd.
Maw, S., Son & Sons
Sangers
Schutze, F., & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.
Turned Wood Boxes
Estes, E. B., & Sons
Wright, Arch. J., Ltd.
Turpentine
Lambert, Saml., & Co.
Vacuum Flasks
Boyton, Chas., & Son
Quelch, H. C., & Co.
Valuers
Baker, P. C.
Berdoe & Fish
Brett & Co.
Orridge & Co.
Tomlinson, T., & Son
Vanilla Beans
Magnus, Mabee & Reynard Inc
Vanillin
Bush, W. J., & Co., Ltd.
Fuerst Bros.
Greeff R. W., & Co.
Monsanto Chemical Works
Verona Chemical Co.
Zimmermann, C., & Co., Ltd.
Vaseline
Chesebrough Manfg. Co.
Vermin-Killers
Bowley, S., & Son
Browning, W., & Co.
Christy, T., & Co.

Cox, Arthur H., & Co., Ltd.
Cupal, Ltd
Danysz Virus, Ltd.
Evans Sons Lescher & Webb, Ld
Farmer, F., & Co.
Harley, Thomas
Hawker & Botwood, Ltd.
Milner's Chemical Co.
Vet. Remedies,
Chesebrough Manfg. Co.
Christy, Thos., & Co
Day & Sons (Crewe), Ltd.
Edwards, W., & Son
Harvey & Co. (Dublin), Ltd.
Tomlinson & Hayward, Ltd.
Wylsys, Ltd.
Vulcanite Goods
Higgin, Ltd.
Water Beds, &c.
Warne, Wm., & Co., Ltd.
Water Glass
Evans Sons Lescher & Webb, Ld
Goodall, Backhouse & Co.
Tomlinson & Hayward, Ltd.
Water Stills
Brown & Sons
Stokes, F. J., Machine & Co.
Waters, Concentrated
Robinson, B., & Co., Ltd.
Waxes
Asiatic Petroleum Co.
Boehm F., Ltd.
Farris, Charles
Morrison, R., & Co.
Price's Pat. Candle Co.
Wiener, R. O., & Co.
Weed Killers
Cooper, Wm., & Nephews
Tomlinson & Hayward, Ltd.
White Oils
Farris, Charles
Wickered Eau de Cologne Bottles
Lang, Jules, & Son
Window Fittings
Ayrton-Graham, Ltd.
Southall Bros. & Barclay, Ltd.
Window Tickets
Merten, F., & Co.
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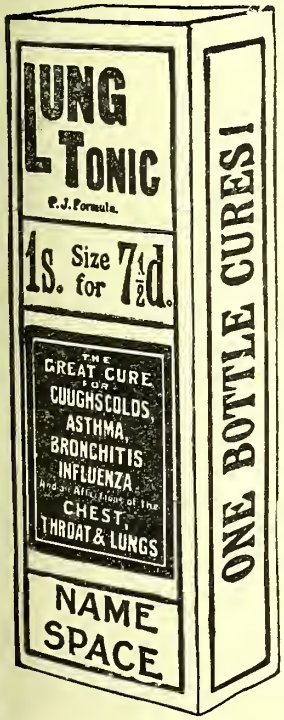
Burrough, J., Ltd.
Burroughs Wellcome & Co.
Coleman & Co., Ltd.
Fletcher, Fletcher & Co., Ltd.
Idris & Co., Ltd.
Robinson, B., & Co., Ltd.
Wrapping Machinery
Ferrgrove Machinery Co., Ltd.
Wrist Straps
Solport Bros.
Zinc Oxide
Hubbuck, T., & Son Ltd.
Stevenson, W. B., & Co.
Zinc Sulphate
Blythe, Wm., & Co., Ltd.



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By ordering Stock of YOUR OWN

LUNG TONIC

P. J. Form., therefore no stamps required. Known, admitted, and approved.

Profit over 100%, and nothing to do but hand it over the counter. Makes an effective Window Show. — Quick seller. Sure repeats. —

FREE Window Slips
FREE Showcards
FREE Delivery
FREE Packages
FREE Sample
NAME on Label
NAME on Carton

		Double Size	
3 dozen @	48/-	3 dozen @	78/-
6 dozen @	46/-	6 dozen @	76/-
1 gross @	44/-	1 gross @	74/-

Davies, Sons & Co

Manufacturing Chemists, THE BRIDGE STREET, DERBY.

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PILLS, CAPSULES, TABLETS, AND OTHER OWN NAMED PACKED LINES.

RUSSIAN LIQUID PARAFFIN, B.P. 1914

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WHITE AND AMBER.

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JENSEN'S ICE-REFINED COD LIVER OIL

FROM LOFOTEN, NORWAY.

AMERICAN MAILING CASES

FOR DISPATCHING LIQUIDS BY POST, AT HOME AND ABROAD.

PLEASE APPLY FOR SAMPLES AND PRICES TO—HERTZ & CO., 9 Mincing Lane, LONDON, E.C.

PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS

R.W. Greeff & Co.,

offer at lowest prices the following products manufactured in the United Kingdom, Allied and Neutral Countries.

(WHOLESALE QUANTITIES ONLY)

Barbitone
Bromide of Ammonium
Bromide of Potassium
Bromide of Sodium
Chloral Hydrate
Cinchonine Sulphate and Muriate
Cinchonidine Sulphate
Citric Acid
Cocain Hydrochlor and Puriss
Cream of Tartar
Creosote Carbonate
Eucalyptus Oil
Formaldehyde
Gallic Acid
Glycerophosphates
Guaiacol Carbonate
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Hexamine
Homatropine
Hydroquinone
Isarol (best Ichthyol substitute)
Lithia Carbonate
Lithol (Ichthyol sub.)
Mercurials
Methyl Salicylate
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Pepsine
Phenacetin
Phenazone
Pyrogallic Acid
Potassium Sulpho-Guaiacolate
Quinine and Salts
Quinine Ethyl Carbonate
Salicylate of Soda
Sugar of Milk
Tannic Acid
Tannin Albuminate
Terpineol
Theobromine
Vanillin

R.W. Greeff & Co.,
Thames House. Queen Street Place
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"FARRISOL"

ENGLISH MADE

WHITE MEDICINAL OIL, B.P.

(PARAFFINUM LIQUIDUM, from Pure Russian Oils),
ABSOLUTELY ODOURLESS AND TASTELESS,
RECOMMENDED AND ADOPTED BY THE HIGHEST MEDICAL AUTHORITIES,

is guaranteed to exactly conform to B.P. tests.

Consumers should insist upon a thorough test, as there are so-called white oils on the market which lack the pure ingredients and the special treatment absolutely essential to produce the B.P. article. By purchasing from Charles Farris you secure the guarantee of an old-established House and complete satisfaction. Samples and prices for comparison free on application.

SUPPLIED IN GLASS BOTTLES AND QUANTITIES OF 1 GALLON UPWARDS.

Large Stocks always Ready for Immediate Delivery.

Pure Olive Oil. Special Refiner of Oils for the fine Clockwork of Telegraphic Instruments.
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The only actual Manufacturing Wax Chandler in the City of London.

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We have specialised in Chemists' and Druggists' Printing for over 70 years. We have built up and maintained our reputation on quality and despatch. If you want

QUALITY PRINTING

send us your enquiries and we will submit suggestions and quotations. A few of our specialities are Labels, Cartons, Envelopes, Fine Art Show Cards, Dental and Optical Circulars, etc.

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Maw's Page

S MAW SON & SONS (GPO BOX No 541) 7-12 ALDERSGATE ST LONDON E.C.

TELEPHONE CITY 7 PRIVATE BRANCH EXCHANGE

NUMBER 228 FEBRUARY 26, 1916

Restraint

An interesting paragraph attracted our notice the other day. It deals with a subject to which we have given much attention.

The writer, in the *Advertising World*, said: "I learn that a Chicago store has boycotted the use of the superlative in all its advertisements. Thus it is no longer permissible . . . . to say of any article that it is the 'finest,' 'cheapest,' or 'loveliest' thing that could be bought."

. . . .

The writer goes on to say that nothing stronger than the comparative degree must be used, and even that is to be avoided in favour of the positive. He expresses the opinion that it would be a good plan if some other advertisers would follow this example, but admits that the use of extravagant language is far less general than it used to be.

. . . .

Gushing praise, he says in effect, disgusts the intelligent reader of advertisements.

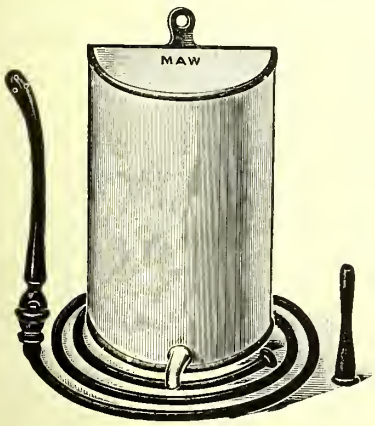
One of the first ideals of Maw's Page, when it was established, some four years ago, was to give to our customers solid information concerning our productions. We based our plan on the fundamental fact that good lines advertise themselves. This weekly announcement forms a useful reminder to the busy Pharmacist. We like the illustrations to tell as much as the letterpress.

. . . .

The whole success of Maw's Page and, indeed, of all our advertising, lies in the cultivation of this happy restraint in our description of the lines. We are enthusiastic at times, but it is enthusiasm born of something worthy of the laudation.

Time was when advertisements were looked upon merely as so much "puff." The enterprising Pharmacist looks upon them as a new source of income if their contents are carefully followed. Maw's Page is a case in point.

Capsule



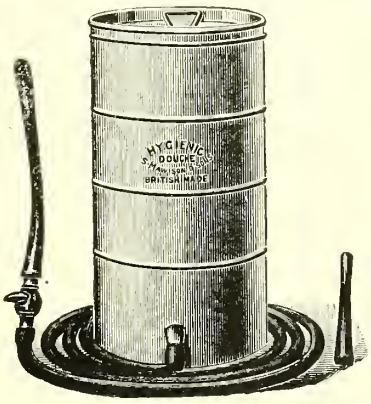
MAW'S
WHITE "ENAMELLED STEEL"
DOUCHE

SUPERIOR QUALITY. BRITISH MADE.

PINT	RED OR BLACK TUBING, No. 2 QUALITY	RED OR BLACK TUBING, BEST QUALITY
2	47/- doz.	53/6 doz.
3	52/- ,,	58/6 ,,
4	60/- ,,	66/6 ,,

TWO GOOD PATTERNS

Fitted with 6 ft. of rolled end tubing, vulcanite stopcock, and vaginal & rectal pipes. Strong and reliable.



B3939/B.

MAW'S
"HYGIENIC"
DOUCHE

ENAMELLED GREY. SUPERIOR FINISH.
Made in our London Factory.

PINT	RED OR BLACK TUBING, No. 2 QUALITY	RED OR BLACK TUBING, BEST QUALITY
2	39/- doz.	45/6 doz.
4	42/- ,,	48/6 ,,

USUAL DISCOUNT OFF ABOVE PRICES.

PETROLEUM JELLY

We are importers of finest American Jelly, Red, Yellow and White. Guaranteed B.P. Inquiries esteemed also for

GUMS. WAXES. DEXTRINE.

W. M. KIDSTON & CO., 43/45 Great Tower St., London, E.C.

Telegrams: "KIDSTONISM, BILGATE, LONDON." Telephone: AVENUE 8057.

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Best Quality Only.

RANDALL & SON

Limited.

Wholesale and Export Druggists, SOUTHAMPTON

The "MILNER"

STRAW HAT CLEANER

Sells well everywhere, **2d.**

It is easily used and gives complete satisfaction.

6 doz. 7/- net.
12 „ 13/- „
With specimen hat or 6 packets instead.
Carriage Paid.

2 gross, 2½%. 5 gross, 5%
10 gross, 7½%.
13 to doz. for cash with order.

RAILOX for NITS

Per Packet, **2d.** and **6d.**

A NEW INVENTION. USED DRY.
Wonderfully Effective. Non-poisonous.
Cannot be seen on the hair

Specially suitable for Export; cannot break, melt, or lose its strength.

Reg. Trade Mark.

3 doz. 4/-, 6 doz. 7/-, 12 doz. 13/- net,
6d. size 4/- per doz.

ATTRACTIVE ADVERTISING MATTER includes a Model Kennel, or 6 Packets instead. Carr. paid. 13 to doz. for cash with order.

Railox and Milner Cleaner may be assorted for discount.

MILNER'S CHEMICAL CO., LIVERPOOL.

TO ALL BUYERS OF

PARAFFIN WAX

SPECIALITY HIGH GRADE WAX

APPLY TO [2]

ASIATIC PETROLEUM Co. Ltd.

St. Helens Court, Great St. Helens, LONDON, E.C.

The Pure Russian Liquid Paraffin Co., Ltd.

.EGRAMS: "INVATORE, LED."
.EPHONE: AVENUE 7698.

London, E.C. February, 1916.

3 ST. HELEN'S PLACE.

) the
ANUFACTURING CHEMISTS
nd WHOLESALE DRUGGISTS.

For attention of your
"Drug Order Dept."
(Please file this letter
CAREFULLY.)

ar Sirs,

re PURE RUSSIAN LIQUID PARAFFIN, BP. 1914.

We have the pleasure to inform you that we have taken over from e British Lianosoff White Oil Co., Ltd., London, E.C., the Liquid raffin branch of their business, including their FACTORY IN ENGLAND, d we are continuing there to refine the genuine "Paraffinum Liquidum b., B.P., 1914."

We have also taken over the large stocks of RUSSIAN BAKU CRUDE LS which the Company had imported prior to the War.

The Medicinal white petroleum oils which we manufacture are of ceptionally good quality, and comply with all the tests of the glish, American, French, Japanese, and Dutch Pharmacopoeias.

We have certificates of the largest Manufacturing Chemists and armacists in England and America, confirming that our oils are of rst-class quality, and, without fear of contradiction, we can state at they are as good as those which were imported from the Continent fore the War.

They are perfectly crystalline, white, without the slightest oom, taste or smell, and we guarantee that they are fully B.P. and clusively refined from Russian Baku Oils, without admixture of any her oils.

Our Liquid Paraffin has a gravity never lower than ·870/75, and nning up to ·885/90.

We supply the WHOLESALE TRADE ONLY, either in our packages or in yers' packages, in 10 gallon drums, pure tinned, with screw bung, d also in galvanized steel barrels, sealed with our seal, which nstitutes a guarantee of quality.

We are arranging Agencies in the Midlands, Scotland, and Ireland, d intend to maintain a good supply in the various districts of the K. In the meantime we can supply from London stock.

We invite your inquiries for prices and samples and would ask u to mention the quantities you would be able to take, prompt or for ture deliveries.

Hoping to hear from you, We are, Dear Sirs,
Yours faithfully,
THE PURE RUSSIAN LIQUID PARAFFIN CO., Ltd.

Managing Director.

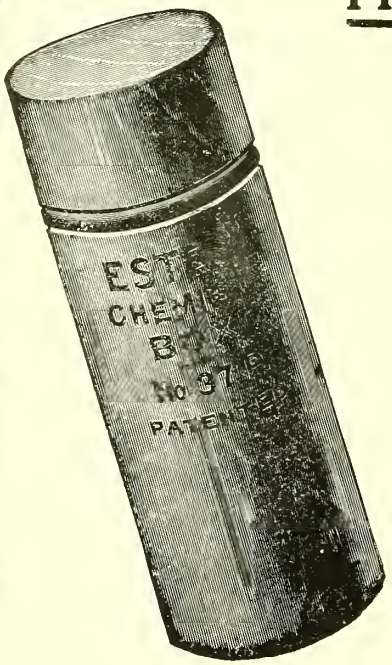
BRITISH COMPANY
BRITISH LABOUR
Support the Home Trade.

ESTES'

DRUGGISTS' TURNED WOOD BOXES

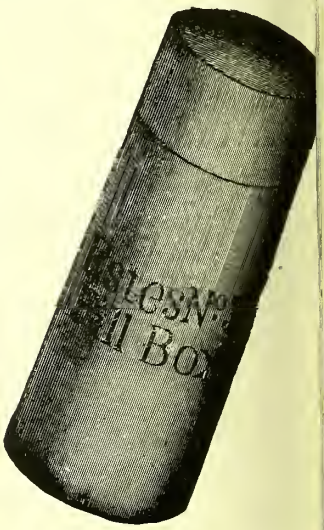
BEST & CHEAPEST IN THE WORLD

MADE FROM AMERICAN WHITE BIRCH, FREE FROM KNOTS



PRICES FROM 1/- GROSS

STOCKS KEPT IN LONDON



LARGE OR SMALL QUANTITIES SUPPLIED

ANY SIZE OR SHAPE TO ORDER.
SPECIAL LISTS ON APPLICATION.

SPECIAL TERMS TO LARGE BUYERS

SOLE AGENTS FOR THE UNITED KINGDOM:

MAY, ROBERTS & CO., LTD.

7, 9 and 11 Clerkenwell Road, LONDON, E.C.

AND AT 16 WESTMORELAND STREET, DUBLIN.

TINFOIL

ALL DESCRIPTIONS

COLLAPSIBLE TUBES

PLAIN OR COLOURED

METAL BOTTLE CAPSULES,

any size, colour or stamping.

ALL BRITISH MADE

Send specification of your requirements, or samples of what you are using, stating quantities, and we will give you BEST QUALITY, BEST DELIVERY, BEST PRICES.

LARGEST MAKERS IN THE WORLD

CHIEF OFFICE:

BETTS & CO., LTD. 1 WHARF ROAD, LONDON, N., ENGLAND.

TIN FOIL

BRITISH MAKE

HIGHLY polished, printed, coloured or embossed. Pure tin, guaranteed free from lead. For wrapping chocolates, cigarettes, cigars, foodstuffs, etc. etc.

ALSO

CONFECTIONERS' and Bakers' trays, stock boxes and bins, and cases of all descriptions for home or export. Made from the famous "Venesta" plywood.

VENESTA, LTD.

1 GT. TOWER STREET,
LONDON, E.C.

CARTONS FOR STOCK LINES

WE HAVE A LARGE VARIETY OF CARTONS IN STOCK, ONE OF WHICH WE ILLUSTRATE ABOVE. THE WORKMANSHIP IS GOOD THROUGHOUT, AND WE CAN RECOMMEND THEM TO ALL WHO WISH TO SEE THEIR GOODS WELL PACKED.

WE SHALL BE GLAD TO SEND SAMPLES OF ANY OF THE FOLLOWING CARTONS FOR

BLOOD MIXTURE
CAMOMILE
COUGH BALSAM
EMBROCATION
FRUIT SALINE
HAIR RESTORER
HYPO
LEMONADE CRYSTALS
NEURALGIA MIXTURE
SENNA
SEIDLITZ POWDERS
SYRUP OF FIGS
ETC. ETC. ETC.

ROBINSON & SONS, LTD.
BOX MAKERS TO THE CHEMIST TRADE
CHESTERFIELD & LONDON.

(21)

a SEMREH BOTTLE CAP

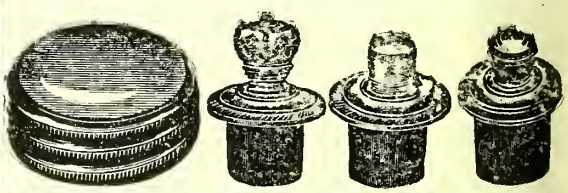
slipped wet over the stopper (as shown), will fit itself as it dries, making a neat, strong, handsome & hermetic capping.

Details free from—
The Viscose Development Co.,
BROMLEY, KENT.

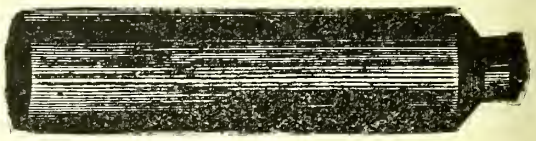
Headquarters for British Manufactures of

Acid Acetylsalicylic
Amidol
Silver Proteinate
Lanoline, &c.

JOHN LORIMER,
119 Finsbury Pavement, London, E.C.



BROOKS, PEEL & CO., LTD.
Makers of Collapsible Tubes and Filling Machines for same. Patentees of Sprinkler and other Stoppers for Perfumes, Washes, &c. Screw Caps.
24 City Road, Finsbury Square, London, E.C.



TRUE VINOLIA BRITISH.

NEW AND PROFITABLE LINES.

READY SELLERS. GOOD FOR DISPLAYS.

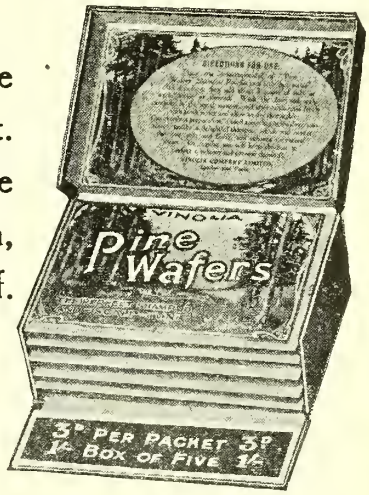
VINOLIA
BATH CRYSTALS.

Packed in a particularly striking and attractive style, Vinolia Bath Crystals add greatly to the refreshment and enjoyment of Toilet and Bath. They soften the hardest water and make it delightfully soothing to a sensitive skin.

Supplied in three Perfumes—Eau de Cologne, Lavender, Verbena.
In two sizes, retailing at 1/3 and 2/-.

VINOLIA
PINE WAFERS.

The New Shampoo fragrant with the health-giving odour of the Pine Forest. A delightful shampoo which cleanses the hair thoroughly, improves its natural sheen, and keeps the scalp free from dandruff. Sells in all seasons.



In attractive display boxes of five packets each. Each packet contains three separate shampoos. Retail price 1/- per box.

WRITE FOR FULL PARTICULARS.

VINOLIA COMPANY LIMITED, LONDON & PARIS.

R V 223—29

— 1000 —

of our employees are serving with His Majesty's Forces. Most of them are now in the fighting line.

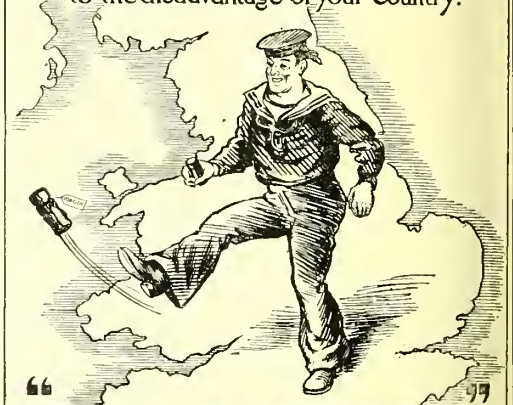
We have thousands of orders awaiting delivery. The Railway Companies cannot handle traffic quickly enough.

We shall be very glad indeed if you will kindly oblige us by placing your orders with our representatives as soon as possible for forward delivery. It is impossible to get goods delivered straight away.

The sooner we obtain the orders, the sooner you will get supplies.

ERASMIC
Perfumers,
WARRINGTON.

BE PATRIOTIC.
Don't buy Foreign Shaving Sticks & Increase Imports to the disadvantage of your Country.



"ERASMIC"
Shaving Stick
10d in Nickel Case.

Do yourself and your Country a good turn at the same time, by buying "ERASMIC" which is BRITISH and BEST.

"ERASMIC" Perfumers, LONDON & PARIS.

"LESCOL" FLORAL PERFUMES

In 50 Different Odours. For Home & Export, to suit all Markets.

LINES FROM 1d. TO A GUINEA.

YOUR ATTENTION IS DRAWN TO OUR

EAU DE COLOGNE In All Sizes. Own Manufacture

Also LAVENDER WATERS, SMELLING SALTS, BRILLIANTINES, and all Toilet Preparations.

Write for our NEW PRICE LIST (Illustrated in Colours), showing our very attractive New Lines, to the

LESCOL PERFUMERY CO., Lomond Grove, Camberwell Green, LONDON, S.E.

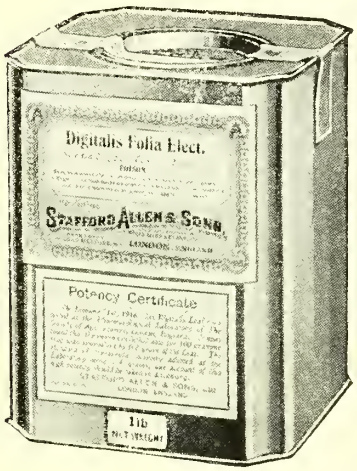
Telephone: 810 HOP. Telegrams: "VANILLIN, CAMBER, LONDON."

ALLEN'S

ELECT

DIGITALIS LEAVES

(Physiologically Tested)



PUT UP IN 1-LB. SEALED TINS.

N.B. *(1) The leaves are selected from mature plants grown in England;*
(2) They are dried under conditions which long experience has shown to be the best to retain the potent glucosides unimpaired;
(3) After which they are physiologically tested and packed in sealed tins.

WHOLESALE OF

STAFFORD ALLEN

& SONS, LIMITED

Cowper Street, Finsbury, London, E.C.

ESTABLISHED
1833

Telegrams: "Persic, Finsquare, London."

Telephone: London Wall 6556 (3 lines)

POWDER PUFFS

To secure all the available business, the puffs must be dainty and the prices must be right.

MASTER BRAND

WE HAVE MORE THAN ONE HUNDRED VARIETIES AT PRICES COMMENSURATE WITH VALUE.

F. SCHUTZE & CO., Ltd.,

MAKERS OF POWDER PUFFS AND PERFUMERY,

'Phone: North 2782. BLACK BULL WORKS, LONDON, N.

Eau de Cologne "RHEIMS" Brand

-/6	Bottles	....	....	per doz.	4/6
1/-	,,	....	....	,,	9/-
2/-	,,	....	....	,,	15/-

Subject to usual 5% discount.

A good lasting perfume selling freely as a patriotic line wherever it is shown.

"Newbery's"
CHARTERHOUSE SQUARE LONDON

Selling Splendidly!

THE WHITE CROSS CARBOLIC TOOTH POWDER.

CONFINED TO PHARMACISTS!

Two Sizes: 21/- and 33/- gross.
1*d*. Sample Tin, 7/6 gross.

The Institute of Hygiene have granted their Certificate of Merit for this article; also for the

WHITE CROSS BABY POWDER

IN DECORATED SPRINKLER TINS:
4/- doz.; 3 doz. 3/9; 6 doz. 3/7; 12 doz. 3/3.
On the P.A.T.A. at 6*d*.

Showcards issued for both articles, being a reproduction of the Certificate of Merit.

Write for Samples and judge for yourself.

SHIRLEY BROTHERS, LTD.
Whitecross Works, London, S.E.

OVER 100 % PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail	Minimum wholesale.	
1/-	1/-	7/6	per doz. less 5 % discount
1/6	1/6	9/-	
2/6	2/3	15/-	
3/6	3/3	21/-	

SPECIAL BONUS.

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do. 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—

C. R. HARKER, STAGG & MORGAN, LTD.
DEVON WHARF,
Emmott Street, Mile End, London, E.

MAGNUS, MABEE & REYNARD, Inc.

257 Pearl Street,
New York City, U.S.A.

Cable Address—"MAGLAUR."

Importers and Manufacturers.

ESSENTIAL OILS, VANILLA BEANS, DRUGS & CHEMICALS.

We offer for sale—

Oil Peppermint, American
,, Spearmint
,, Birch (Wintergreen)
,, Wintergreen Leaf
,, Cedarwood
,, Limes, Distilled
,, ,, H. P.

Oil Sassafras, Natural
,, ,, Artificial
,, Wormseed, Baltimore
,, Wormwood, American
,, Sandalwood, W.I.
Balsam Tolu
,, Copaiba
,, Peru

We solicit correspondence relating to the purchase or sale of any article used in the Drug, Perfumery or Soap Trades.

F. M. RUDD,
Bronson,
MICHIGAN,
U.S.A

GENUINE AMERICAN
PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists, Distillers and Confectioners.

Sole Consignees in United Kingdom—
R. W. GREEFF & CO.
Thames House,
Queen St. Place, LONDON, E.C.

DO YOU BUY ESS. VANILLA?

Try VANOLEUM

Stronger than Vanilline. Soluble in Water.

26/- lb.

ARTHUR WHITTAKER,
Specialist in Colours and Flavours,
NEWTON HEATH, MANCHESTER

A. Boake Roberts & Co., Ltd.,
STRATFORD, LONDON, E.

. . FOR . .

SOLUBLE ESSENCES, ESSENTIAL OILS, OIL LEMON.

If you wish to make first-class ∴ Aerated Waters, use ∴
BOAKE ROBERTS' ESSENCES.

Finest Soluble Essences:

Lemon,
Orange,
Ginger,
Ginger Ale,
Stone Ginger Beer *(Cloudy),*
Clear Ginger Beer,
Kola Champagne,
Lime Juice and Soda,
Lemon Squash,
Raspberry,
Strawberry,
Pineapple,
Vanilla, &c. &c.

GOLDEN CARAMEL COLOURINGS, &c. and all sundries.

A. Boake Roberts & Co., Ltd.,

IMPORTANT NOTICE

The Anglo-French Perfumery Co. (incorporated with the Parfumerie Aristocratique of Paris) have established a branch at 69 Hatton Garden, London, E.C., where they are manufacturing their high-class Toilet Preparations, viz., **Face Powders, Creams, Face Milk and Lotions** for all climates; also **Rouge Nail Preparations, Perfumes, French and Russian Eau de Cologne,** and **Hair Requisites.** Shippers requiring Toilet Preparations for Export are specially catered for (Customers' labels supplied with goods if required).

A New and Novel Line which is creating a big demand—packed in true Belgian colours, is very attractive, and makes a grand display in the window.

The Triple Entente of the Toilet Table—

"LA REINE ELISABETH"

Powder ... ... 10/- and 15/6 doz. boxes.
Cream Vanishing & Skin Food (non-greasy), 12/- „ 15/- doz. pots.
Rouge ... ... 12/- „

Apply for Prices and Samples of all goods to

69 HATTON GARDEN, LONDON, E.C.

Just what you have been requiring!

ESSONALINE

CRYSTALLISED BRILLIANTINE

Sells at 6d. It is nicely perfumed and handsomely packed in gilt tins, and is especially popular with men on service, being so convenient to use.

118 Per Cent. Profit!

USE THIS FORM FOR FIRST ORDER, AND WE WILL SEND SHOWCARD FREE.

To ESSONA PERFUMERY CO.,
ESSONA WORKS, GARFIELD RD., WIMBLEDON.

Please send immediately, carriage paid, ...*doz. 6d. Tins of ESSONALINE at 2/9 a dozen, for which* .....*enclose* (*Postal Order* / *Cheque*) *value £* : :

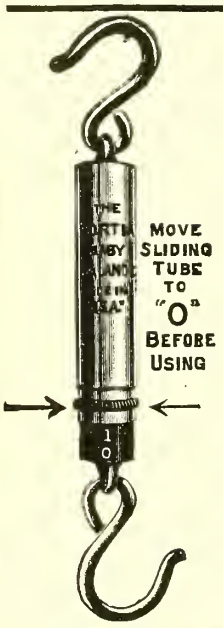
Name.....

Address.....

.....

ESSONALINE must not be sold under 6d.

A Profitable Seller



THE

"PORTIA"

(Regd.)

NET WEIGHT

Baby Balance

Weighs up to 15 lb.

Price	Retail
11/6	**1/6**
dozen.	each.

Hang a balance in your window with our dainty cut-out showcard in colours on the lower hook, showing a baby actually being weighed, and you will soon be re-ordering.

SOLPORT BROS.,

184 to 190 Goswell Rd., London, E.C.

Obtainable through all Wholesale Houses.

Chemists'

AND

Patent Medicine Printers,

FOLDING BOX MAKERS, LABELS, POWDER POCKETS, PRESCRIPTION ENVELOPES,

and every kind of Printing
.. required by Chemists ..

Alf. Harrison & Sons,

224 BURLEY ROAD, LEEDS.

'Phone: 1635. Telegrams: "Ideas Leeds."

Designs, Copyright and Trade Mark Specialists —Advice Free.

A powerful antiseptic and deodorant.

"PETAL DUST" REGD.

The greatest of all floral air-purifiers.

A concentrated combination of the choicest flowers, aromatic herbs and roots, with the rare spices and gums of Arabia. "Petal Dust" has been the favourite perfume of all classes for over half a century and still commands the largest sale of any dried perfume in the world.

Retails in 3d. and 6d. packets

Attractive Showcards, Counter Bills, etc., with customer's name and address on each packet, for orders of 5 gross and upwards.

SOLE PROPRIETORS—

THE ROSMARINE MANUFACTURING COMPANY,

STAMFORD STREET, LONDON, S.E.

CITY DEPOT: H. C. QUELCH & CO., LUDGATE SQUARE, LONDON, E.C.

Toogood's Packed Toilet Preparations in Collapsible Tubes.

2629

2667

2508

2509

2452

No. 2629.	Toilet Lanoline	...	3 sizes	...	2/9, 3/9 and 5/6 per doz.
,, 2667.	Boracic Ointment	...	2 ,,	...	3/3 and 4/9 ,,
,, 2508.	Cold Cream	...	2 ,,	...	3/9 and 5/6 ,,
,, 2509.	Vanishing Cream	...		...	3/6 ,,
,, 2452.	Solid Brilliantine	...		...	6/- ,,

Customer's name free on 3 dozen of any one kind, and showcard supplied.

WILLIAM TOOGOOD, Ltd., 77 Southwark St., London, S.E.

EDWARDS' HARLENE COMPANY

AND

WAR TIME ECONOMY

In spite of great difficulties that are prevailing in connection with the supply of material, we are pleased indeed to state that orders received are being executed without undue delay. The very popular lines so generously advertised in the Press are ready for distribution at the shortest notice. **"Harlene"** for the Hair (Harlene Hair Drill). **"Astol"** for Grey Hair. **"Cremex"** Shampoo Powders. **"Astine"** Vanishing Cream (for the complexion). **"Uzon"** Brilliantine. **"Astinol"** Aromatic Fluid Extract (Pine Baths at Home), and all other of our well-known preparations.

A

SPECIAL FEATURE.

"Harlene" is now prepared in Solidified Form, Edwards' "Solidified Harlene" for the convenience of Travellers, and as there is a large demand, Chemists should see that they have this new product in stock. Edwards' "Solidified Harlene" is supplied in one size only, In tins at **2/9**. Minimum wholesale price, **33/2** per dozen. Discount 20%.

All correspondence should be addressed to:

EDWARDS' HARLENE CO.

20-26 Lamb's Conduit Street, London, W.C.

THE "VĒVAX" SERIES OF HIGH-CLASS TOILET SPECIALITIES.

			DOZ.
LIQUID SHAMPOO	1/-	size	7/6
LIQUID TOILET SOAP	1/-	,,	7/6
LIQUID HOUSEHOLD SOAP. ABOUT 13 OZ. TINS	1/-	,,	7/3
LIQUID SOAP FOR MOTORISTS. ABOUT 13 OZ. TINS	1/-	,,	7/3
VĒVAX BRILLIANTINE. WITH SPRINKLERS	1/-	,,	7/6
,, ,, WITH CORKS ONLY 7/- AND 3/9.	6d.	,,	4/-
VĒVAX HAIR CREAM	1/-	,,	7/6

			DOZ
VĒVAX NAILROSE IN BOXWOOD CASES ...	6d.	size	4/-
SUPERFATTED SHAVING STICK DISPLAY BOXES OF 1 DOZ. ... ON 3 DOZ. LOTS = ½ DOZ. BONUS.	—		5/9
VĒVAX BATH SALTS GREEN OAK BARRELS	1/-	,,	7/6
,, ,,	2/6	,,	20/-
VĒVAX PAPER POWDER LEAVES	1/-	,,	6/-
	6d.	,,	3/-
VĒVAX EMERY BOARDS REGD. SHAPE	6d.	,,	4/-

R. J. REUTER, 69 CARTER LANE, LONDON, E.C.

Profit - - 33⅓% PROFIT ON COST CHELTENHAM NATURAL APERIENT WATER.

Pleasure - Satisfied customers, who always want more.

Patriotism It is patriotic, and it is good business to supplant Apenta, Hunyadi and Carlsbad Waters by Cheltenham Natural Aperient Water.

THE NATURAL BRITISH PRODUCT.

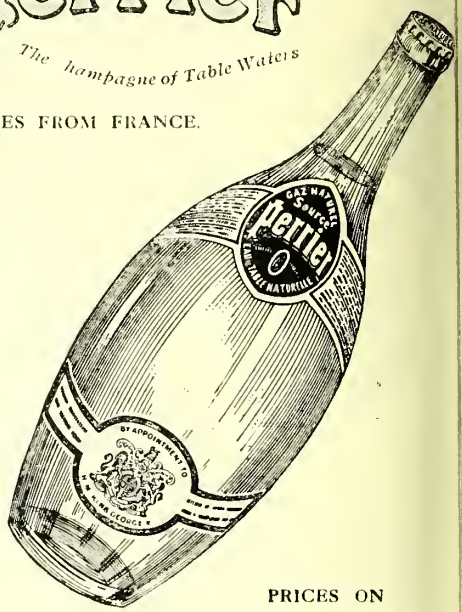
Packed in Cases of 24 Bottles, 9/- per dozen.
Retail price (protected) at 1/- Bottle.

Order through Messrs. Ingram & Royle, May, Roberts & Co., Ltd., or direct from

THE CHELTENHAM NATURAL WATER CO.
Priory Court, Cheltenham Spa.

Perrier
The Champagne of Table Waters

COMES FROM FRANCE.



PRICES ON APPLICATION TO

PERRIER Ltd., 45-7 WIGMORE ST.
(Sales Dept.) LONDON, W.

THE FRENCH NATURAL MINERAL WATER.

VICHY-CÉLESTINS

DISORDERS of the LIVER, GOUT, Diabetes, Rheumatism, Gravel, &c.

VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: INGRAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

PROPERTY OF THE FRENCH GOVERNMENT.

WE INVITE ENQUIRIES:
FOR THE FOLLOWING:-

ZINC OXIDE "PURISS"
Finest and Lightest 99.8%

"XYSOL"
A British-made Lysol.

LANOLIN ANHYDROUS
Rather dark colour.

PEPSIN PORCI B.P., etc.

EMULSIONS
Cod Liver Oil, Petroleum, etc.

PARAFFIN LIQUID B.P.
Finest Russian Oil.

CRETA PRECIP "G.W.N."
Finest and lightest made.

PARRISH'S SYRUP

OTTO OF ROSE
Synthetic.

P. GUM ACACIÆ
Special fine white powder.

IMPORTERS OF

EUCALYPTUS OIL. CHAULMOOGRA OIL.
COD LIVER OIL and CASTOR OIL
and COPAIBA BALSAM B.P.

Licensed
Compounders of Tinctures, Essences, Spirits, Perfumes, &c., in Bond.

AWARDS.

LONDON, 1881; VIENNA, 1883; CALCUTTA, 1884; CHICAGO, 1893.

H. E. STEVENSON & Co.,
122, GREAT SUFFOLK STREET, LONDON, S.E.

Telephone: 1831 HOP. Telegrams: "EKLIPS, LONDON."

CONTRACTORS TO HIS MAJESTY'S GOVERNMENT.

We can offer on Spot or Close Positions

(WHOLESALE ONLY).

Acetanilide	Citric Acid	Iodides	Salicylic Acid
Acetyl-Sal. Acid	Codeines	Methyl Salicylate	Salol
Bismuth Salts Bromides	Formaldehyde	Pot. Carb.	Soda Salicylate
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ASPIRIN Tablets, bottled or bulk.

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The efficacious preventative and remedy for Lice, Fleas and other vermin.

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Solidified Spirit Pocket Stove for the "Pals" at the Front!

Hot water and food quickly and easily prepared by using "THE PALS" COOKER! Superior quality. Clean and powerful. A new design. Compact and handy. A welcome gift.

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SMALL SOUNDS HEARD CLEARLY FROM USUAL DISTANCES.
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WE GUARANTEE THAT THESE BOTTLES ARE MADE IN AMERICA BY AMERICAN WORKMEN

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Imitation Leather Enamelled on Metal in Colour, Wine, or Khaki.
Retail 4/6 each.
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Quart size
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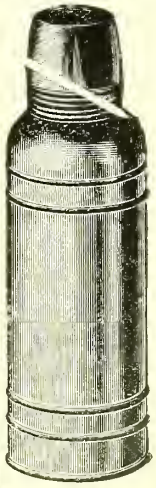

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Refills		Spare Corks	
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(Gold Medal awarded XVIIth International Congress of Medicine, London, 1913.)
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Contractors to His Majesty's Government; the Crown Agents for the Colonies; various Foreign Governments; and the principal Hospitals and Institutions at Home and Abroad.

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Established 1833.

SPECIAL BONUS TERMS

are now offered to retail Chemists willing to maintain fixed selling prices and grant facilities (as regards window displays, &c.) for advertising

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Regret that, owing to great increases in cost of ingredients and containers, they are reluctantly compelled to raise the net prices of the following P.A.T.A. lines:

	Protected Retail.	Dozen Net.
LOSALL'S SALT - -	6d. tins	4 -
,, ,, - -	1/- ,,	8/-
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,, BALLROOM FLOOR POLISH	1/- tins	7/6
,, MILK FOOD (1/- tins)	10d. each	7/-
		Dozen Boxes net.
LOSALL'S SOAP - -	4d. tabs. (3 tabs. in box)	8/6

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

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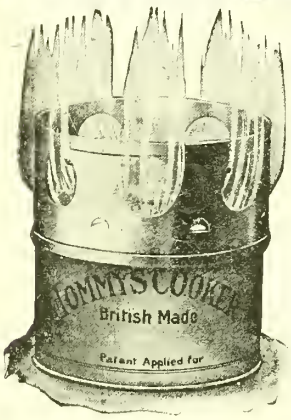

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A Marvel of Simplicity & Utility

Is the most welcome gift to soldiers in the trenches . . . Give **him** one before he leaves for the front. . . . For preparing food out of doors it is perfection.

Used by the British, Belgian and French Army in the Field, and the Red Cross Society.

PRICE, 1/- REFILLS, 2/-

ADVANTAGES.—1. Wind does not blow it out. 2. Composition unaffected by weather or climate. 3. Stand carries heavy pots or pans.

Tommy's Cooker Co. Ld.

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ACTS LIKE MAGIC

(EST. OVER 50 YEARS)

FOR

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ASTHMA, BRONCHITIS, WHOOPING COUGH, &c.

"No case too bad!"

Proprietors: MANDALL & CO., LTD.

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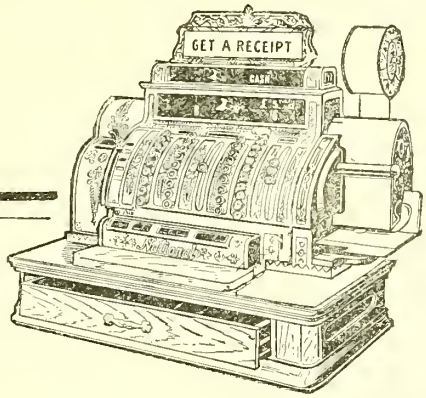

A great time and money saver for you, Mr. Chemist.

If someone came to you and said :—

"¶ I want a position in your shop. Over 1,500,000 shrewd merchants will vouch for my accuracy and ability to make good my promises. I will be ready for work when the shop opens every morning, will not go to lunch or ask for a holiday, but be *always* in my place looking after your interests.

"¶ I will tell you every sale made and who made it. Tell you at a glance the exact condition of your business ; what your cash sales, credit sales, money received on account, and money paid out have been for any given time, and how much is outstanding on accounts.

"¶ I will relieve you of many of your present worries, and make your assistants more efficient. I will help to attract new trade, and by stopping mistakes and losses *ensure you more profit !* I shall pay for myself out of the money I shall save you !"

—Would you engage him ?

The above Cash Register makes this appeal. Will you investigate to-day all that it will do for you. The sooner you investigate the quicker you will benefit. Send the Coupon Now.

It's worth doing at once —it means money to you.

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I should like to know how a "National" will do a you claim for it. This inquiry to commit me to no charge or obligation.

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GREAT REMEDIES FOR THE HORSE
WITH THE ADDED REMEDIES.
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A successful modification of the Veterinary Preparation. In Pots, 2/- each.

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The question is often asked nowad s.
The Chemist who does not stock Si r Lauras Food is missing a good line.
Sister Lauras Food is achieving g at success as a preparation for we y babes and for invalids and the aged.
It makes milk digestible and is inv able in cases of malnutrition.
It is a thoroughly reliable line and that brings a handsome return.
Samples and advertising matter free on applic n.

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EXCEPTIONALLY PURE.
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OXYGEN FOR BEST RESULTS
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Customers' Cylinders filled on day of arrival.

ALL CHEMISTS SHOULD STOCK ABDINE
THE GOLD MEDAL FRUIT DRINK.
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"**ABDINE**" is the most popular Health Drink. Superior to all Mineral Waters. Sold in **1d.** Packets, and Boxes of 13 Packets at **1/-**
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Wholesale Prices on Application.

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MANUFACTURED BY
C. W. FIELD, LTD.
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Special Terms to Wholesalers and large Consumers

KAY BROTHERS, Ltd.
STOCKPORT,
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BIRDLIMES and **FLY GUMS** for all climates.

FLYPAPERS, Non-Poisonous. "Big Bat" & "Falcon" Brands.

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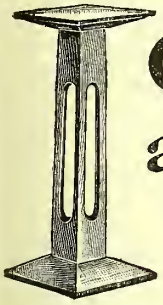
"LINSEED COMPOUND." P.A.T.A. A Cough Mixture of 50 years' proven excellence.



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ONLY LARD
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BEST AND MOST RELIABLE
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CLEW'S RADIUM LUMINOUS PAINT.
(Originated 1904.)
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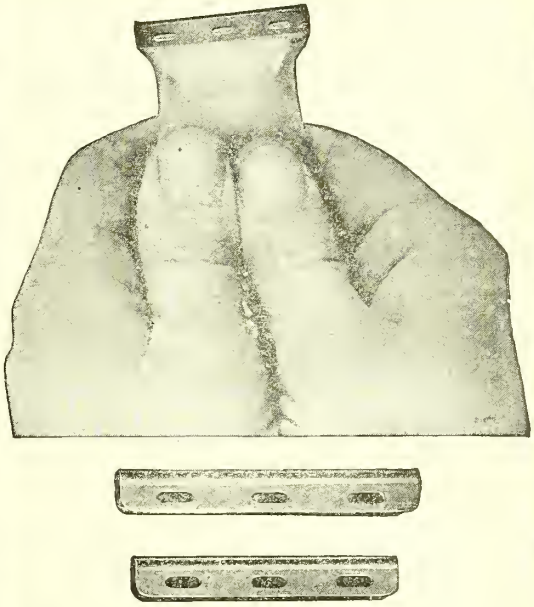

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These Metal Clips are made in sizes for applying to the folded ends of collapsible tubes of the following dimensions: $1\frac{3}{4}$ in., $1\frac{1}{2}$ in., 1 in., $\frac{7}{8}$ in., $\frac{3}{4}$ in., $\frac{5}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{8}$ in., and $\frac{1}{4}$ in. Special sizes are also made to order.

The application of these clips to your tubes not only insures a perfect and absolutely tight seal, but also adds a finish which is exceptionally pleasing to the eye.

COLLAPSIBLE TUBE FILLERS AND CLOSERS.

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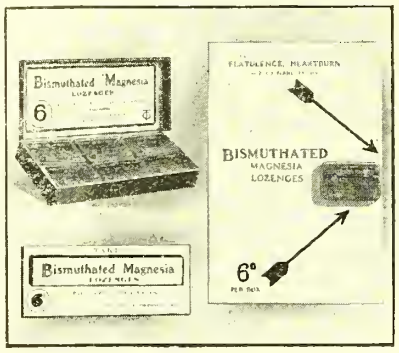

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BISMUTHATED MAGNESIA LOZENGES.

PACKED and in BULK.

WRITE FOR SAMPLE
TIN AND PRICE.

SPECIAL CASH OFFI

FOR
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We will forward
6 doz. 6d. TINS,
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With Showcards.
Carriage Paid,
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Retailing at
57/-

Thos. GUEST & CO. Ltd. Carruthers St., ANCOATS, **MANCHESTER**

Prompt Sales
Quick Turnover
Increasing Demand
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COLEMAN & CO, Ltd., Wincarnis Works, NORWICH.

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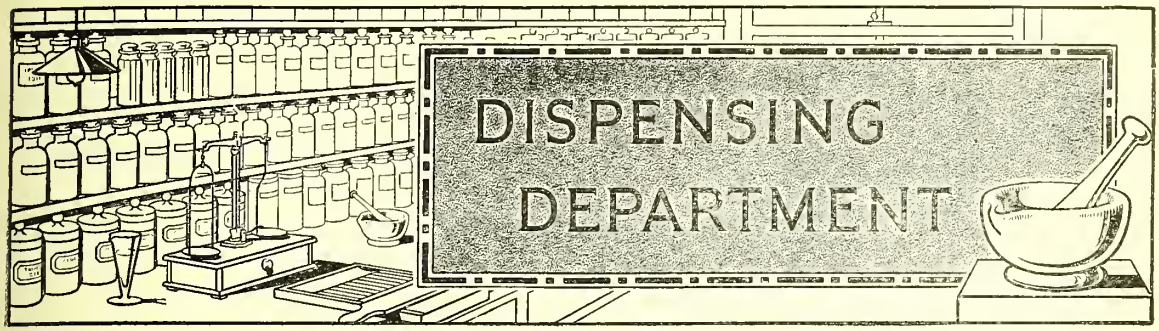

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They are made from raw materials of exceptionally fine quality, either grown on the 'Wellcome' Materia Medica Farm, or specially selected.

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They are in fine granules of uniform size. They pour on and off the scale-pan without mess or waste and make for accuracy in dispensing.

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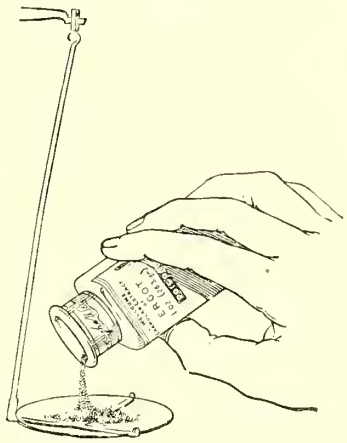

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The *Lancet* describes it as "Mr. Benger's admirable preparation."

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INVALIDS AND THE AGED.

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English Eau de Cologne

QUALITY

Superb! Splendid bouquet, well matured, quite equal to, if not better than those that came from the Cathedral City. Entirely British, and therefore patriotic to buy, show and sell, because it keeps the money in the country. Test out a sample lot, and it will speedily give you confidence to push and recommend it.

PRICES

"EMPIRE."

1 oz.	4/6	per doz.
2 oz.	3/6	,,
4 oz.	15/9	,,

BEST FOR SICK ROOM

"LA BELLE ALLIANCE."

1 oz.	3/9	per doz.
2 oz.	6/9	,,
4 oz.	12/6	,,

BEST FOR FRAGRANCE

Our Offer

to those who have yet to test the sale of this superlative value in Eau de Cologne is to send along, carriage paid to destination, a small parcel with showcards. By showing the same on a corner of the counter conspicuously, initial business is certain, whilst the Bouquet and Quality will ensure repeats.

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CHRISTY
OLD SWAN LANE,
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Summary.

Acetone is practically off the market so far as its use for technical and medicinal purposes is concerned (p. 53).

The flourishing condition of the chemical trade in the United States is shown from the statistics which we give on p. 53.

The second exhibition of British goods organised by the Government is being held in the Victoria and Albert Museum, South Kensington. We refer to some of the exhibits which interest our readers (p. 44).

Some decisions given by Local Tribunals under the Military Service Act are printed on p. 40. These should be read in connection with the official notice to "starred" men (p. 40) and the article on Military Service on p. 53.

New Norwegian cod-liver oil is much dearer owing to the poor fishing; tartaric acid is 2*d.* per lb. and cream of tartar 2*s.* 6*d.* per cwt. higher; milk-sugar and star-anise oil are firmer. Business in the markets is quiet, but wholesalers and manufacturers continue busy (p. 59).

An attempt is being made by the British Medical Association to keep alive the Report of the Select Committee on Patent Medicines (p. 54). It is probable that the additional taxation of proprietary medicines which took place last year is as much as the Government will find time to deal with for many years to come.

The annual meeting of the Chemical Trade Section of the London Chamber of Commerce was held this week. The Chairman, Mr. J. C. Umney, has asked to be relieved of his position (p. 54). Recommendations of the London Chamber of Commerce in regard to trade after the war were considered. We refer to this matter in an article on p. 52.

European War.

A Year Ago To-day.

(*War News from the "C. & D.," February 27, 1915.*)

Complaints were made regarding the delay in issuing export licences and the announcement was printed of the formation of a War Trade Department to replace the Committee on Trade with the Enemy so far as that work is concerned. Information was given in regard to the freeing from German influence of the trade in Alexandrian senna. Dr. Elizbacher's pamphlet proving that the food-supply of Germany is sufficient if care is taken was mentioned. A debate took place in the House of Commons regarding the national scheme for making aniline dyes, in the course of which Mr. Runciman, President of the Board of Trade, answered the many critics who had attacked the scheme. The experiences were given of a chemist in the R.A.M.C., and of one who was performing constabulary duties.

Pharmaceutical Roll of Honour.

Non sibi sed patriæ.—Cicero.

Seventy-fifth List.

Alexander, Wallace (lately with Alexander's Ido-Zol Drug and Dental Co., Chesterfield), Notts and Derby Unit.

Fairweather, C. F., Ph.C., New Ross, R.A.M.C.

Fretton, Arthur (lately of Fairweather's Medical Hall, New Ross), R.A.M.C.

Hersant, William (son of Mr. Milton Hersant, pharmacist, 34 Archway Road, Holloway), 2/7th Battalion London Regiment.

Humphrey, Private A. P. (lately assistant to Mr. A. A. Freeman, chemist, Chatham), 9th Battalion Royal West Kents.

Powell, Private W. P. W. (chemist's assistant, Llandrindod), Hereford Regiment.

What we are Fighting For.

The Prime Minister in the House of Commons on February 23, amid a scene of great enthusiasm, reiterated his famous announcement of November 1914 as to why this country is prosecuting the war. His words, which are well worth reprinting, were:

> We shall never sheathe the sword, which we have not lightly drawn, until Belgium—and, I will add, Serbia—recovers in full measure all, and more than all, that sho has sacrificed, until France is adequately secured against the menace of aggression, until the rights of the smaller nationalities of Europe are placed upon an unassailable foundation, and until the military domination of Prussia—that is the language I will use—is wholly and finally destroyed.

His closing sentence later on was as follows:

> How can I make the pronouncement more full? How can I, or anyone, do more to convince all our enemies that not until a peace based upon this foundation is in sight shall we, or any of our gallant Allies, abate by one jot the prosecution of this war?

Export Notices.

Denmark.—The Director of the War Trade Department gives notice that, subject to the exceptions hereinafter stated, all applications for licences for export to Denmark of prohibited or restricted goods should be accompanied by a guarantee to be obtained by the Danish consignee from the Danish Chamber of Manufacturers or from the Merchants' Guild of Copenhagen, according to the respective status of the consignee, in order that the shipment from this country to Denmark may be facilitated. The following goods are, *inter alia*, for the present excepted from this requirement—viz., British coal and coke, petroleum and its products except paraffin wax, mineral lubricants, and castor oil.

United Kingdom.—A new Order in Council promulgated on February 23 prohibits the exportation of "sugar, refined and candy," and "sugar, unrefined," to all destinations. Cerium, oxide and salts of; cerium and its alloys (except ferro-cerium). Ferro-cerium is prohibited to all destinations abroad other than British Possessions and Protectorates. The following are prohibited to all foreign countries in Europe and on the Mediterranean and Black Seas, other than France, Russia (except through Baltic ports), Italy, Spain, and Portugal: Bleaching-powder, oleaginous kernels, nuts, and seeds, such as are not already prohibited to be exported to any destination.

Notice to "Starred" Men.

A circular was issued on February 23 by the Local Government Board in which it is pointed out that it is possible that some men (or their employers) who have not been attested and come under the Military Service Act, and in respect of whom application has already been made, under the previous instructions to Local Tribunals, to be treated as starred, may think that it is not necessary to make fresh application for exemption under the Military Service Act, though they wish to be exempted. It is advisable, therefore, that the Local Tribunal should secure full publicity to the fact that, under the Military Service Act, fresh application must be made in respect of any unattested man for whom exemption from the provisions of the Act is desired, and that it makes no difference in this matter if an application has previously been made to a Local Tribunal, even though the application has been decided in his favour. Likewise, application must be made, even though the man has been "starred."

Local Tribunals Decisions.

The Local Tribunals established under the Derby recruiting scheme and the Military Service Act are now sitting in various parts of the country. At the City of London Tribunal on February 21, an appeal was made by a firm of exporters and importers on behalf of their market clerk, who was of Moroccan nationality, and was naturalised in 1913. It was urged that he knew all the languages in which the firm corresponded, and was head of the foodstuffs and raw materials department, which, if he left, would have to be closed. There were five clerks remaining, and of these four had attested. The firm would not appeal in respect of three of these. On this understandiong a two months' postponement was granted.—Mr. Perry, of Perry & Hope, Ltd., chemical-sale department, Leadenhall Street, E.C., applied for the only man left in the department who knows the business. The company do a large export trade in zinc oxide, which before the war was German trade, and they are anxious to retain and develop this branch. Mr. Perry mentioned that he had just built a home for orphans of soldiers, and that he has surrendered the whole of his income to war-purposes. The Tribunal gave two months' grace to Mr. Petty, for whom Mr. Perry appealed.—Mr. S. Kutnow, of S. Kutnow & Co., Ltd., proprietors of Kutnow's powder, made an application with reference to Mr. H. S. Kutnow, his only son, who is a director and manages the business. The company are manufacturing chemists, and his son assists in the manufacture of Kutnow's powder. He was indispensable in the business, and no one could fill his place. The Chairman: Do you regard the powder as a national necessity? Mr. Kutnow: I do. I have orders here from home and abroad for hospitals. The Chairman: Show me an order for a military hospital. Mr. Kutnow: Here is one for the troops. The Chairman: It is an order from an exporter. Mr. Kutnow: For the troops. The Chairman: Some of these documents are acknowledgments of generous gifts you have made to them. They are scarcely in the light of orders. Mr. Kutnow: You have also my doctor's certificate showing I am not well enough to carry on the business myself. The Chairman: There will be a short postponement of two months. We do realise that whether for military or other purposes there is a considerable export branch, and we wish to take as sympathetic a view as possible.—A maker of spectacles and eye-glasses supported an appeal for special treatment with evidence that he is supplying the Army. Spectacles, he declared, are an urgent national necessity, and the resources of home makers are being severely tried owing to the share of the trade hitherto held by our enemies. A month's respite was granted.

At the Lambeth Tribunal on February 21, Guy's Tonic Co. appealed for the exemption of P. Curtis, their handyman, who is in Group 18, and is the last man in their employ. It was urged that he is indispensable, as the women could not be expected to carry heavy loads and do repairs which Curtis did. It was pointed out, too, that the man's eyesight is defective, which would prevent him being of much use in the Army. The application was refused.—Schweppes, Ltd., claimed exemption for their chief clerk at the Vauxhall depôt, urging that he had such a technical knowledge that he could not be replaced. The Tribunal refused, pointing out that as the clerk was in Group 11 the firm should have known that in due time he would be called to the Colours, and should accordingly have taken steps to train a substitute.—The director of a coffee-essence manufacturing firm applied for the exemption of an employé whom he represented to be alone in possession of the secret formula of the firm's preparation. The Tribunal agreed to grant exemption for one month.

The Islington Tribunal is making a determined stand on the exemption question. During a three hours' sitting in only one case was total exemption granted. This was in the case of a chemist who dispenses medicine under the National Insurance Act, in which the Tribunal has no option, as the occupation is reserved. In the case of a chemist's assistant, not a registered chemist, who is partially engaged in dispensing medicine under the National Insurance Act, the Tribunal refused a temporary certificate.

At Accrington, on February 18, conditional exemption was granted in the case of a chemist's assistant who is engaged in dispensing prescriptions under the National Insurance Act. Other employés from the same shop having joined the Colours, he could not be replaced.

At Ashton-under-Lyne a firm of manufacturing chemists successfully applied for an exemption for an employé who is the only qualified chemist, and who personally superintends all the processes in the business. In another case before the same Tribunal—that of an attested man, unqualified, who was engaged in the manufacture of pharmaceutical proprietaries and the mixing of powders—it was stated that two other men employed by the firm were with the Colours, the travellers had attested, and the employer is himself doing a lot of work. This case, it was decided, should be dealt with in private.

Mr. W. C. Hebden, Albany Chemical-works, Halifax, on February 17, applied for exemption on behalf of his traveller for Ireland, Wales, and Lancashire. Replying to the military representative, Mr. Hebden agreed that the business would not stop if the man went, but it would be an inconvenience. The Committee decided to put the traveller back until June 1.—A firm of shopkeepers appealed on behalf of a window-dresser, urging that his work could not possibly be done by females on account of the heavy case-shelves. He was the only man left to do heavy parcelling. The applicant said he might as well shut up the shop if the windows were not dressed. The application was refused.

At the first sitting of the Leeds Local Tribunal an analytical chemist applied for exemption for his assistant and laboratory attendant, who is an indentured apprentice aged twenty years. He stated that he could not continue his business without the assistant. The application was not allowed.

A chemist's assistant, named Larking, made application to the Maidstone Tribunal on February 22. Mr. F. J. Oliver, chemist and druggist, the man's employer, stated that he had released four of his men, and all he had to assist him in the warehouse now was the applicant and another man over seventy years of age. Larking was engaged in making emulsions, extracts, etc., and if he lost him he would be unable to carry on his business. Mr. Oliver also stated that he had much to do in connection with National Insurance work, military hospital work, and in dispensing for the dependants of soldiers and sailors. The Tribunal granted a conditional exemption while the applicant remained in his present employment.

At Manchester on February 21, postponement till the beginning of May was granted to a chemist's assistant who has been studying pharmacy for two years and is to sit for an examination in April.—An appeal for a man in a chemist's shop, said to be "indispensable," was refused. It was stated that he was paid 24*s.* per week, and could not be replaced. "I should think so, at that price," drily remarked a labour member of the Tribunal.

Personalia.

Corporal Alex. Hourston, Royal Engineers, who was town representative of Harkness, Beaumont & Co., Edinburgh, is one of six brothers serving with the Forces. One of his brothers has been awarded the D.C.M. for rescuing a wounded comrade.

Miscellaneous.

Photographic Mounts.—In consequence mainly of the announcement of the Government that the importation of raw material for paper is to be restricted, the price of photographic mounts and albums has been advanced from 20 to 40 per cent.

The British Army.—A writer in "The Lancet" gives the following method of realising what it means to increase the British Army from 805,000 to 4,000,000 men: There are 810,697 words in the Bible, and we had about that number of soldiers at the outbreak of war. There are also 3,566,480 letters in the Bible, and we can now consider every letter as a soldier instead of every word as heretofore. Also, we may consider that the first letter of every three verses is a medical man in the R.A.M.C., for there are about 10,000 medical officers now, and there are 31,173 verses in the Bible. To take a Bible and turn over its leaves and realise that every single letter is a soldier in our Army produces an impressive feeling of what fighting means.

English and Welsh News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Sale of Food and Drugs Acts.

The samples analysed in the borough of East Ham during the course of the past quarter included boric acid, camphorated oil, castor oil, paregoric, potassium bromide, ammoniated tincture of quinine, sulphur ointment, tartaric acid, and zinc ointment. One sample of camphorated oil was deficient both as regards the proportion of camphor and the nature of the oil.

The London Insurance Committee has circularised all the London City and Metropolitan Borough Councils stating that it has had under consideration the question of the analysis of drugs, etc., dispensed for insured persons by chemists on the London panel, and that facilities will be afforded to the Council of any Metropolitan borough which desires to obtain samples of dispensed medicine for analysis under the Sale of Food and Drugs Acts. The Public Health Committee of the Westminster City Council does not think the necessity arises for the Council to avail itself of the Insurance Committee's offer. The Wandsworth Public Health Committee reports having given instructions for samples of drugs and medicines to be taken for analysis as suggested. The Public Health Committee of St. Pancras does not propose to have samples taken at present.

Poor-law Notes.

The Newbury (Berks) Guardians have decided, after rejecting a motion, that the supply of medicines to the workhouse should be by contract, that the local chemists should be asked to supply medicines to the Board of the same character as to quality and price as they are supplying under the National Insurance Act.

The "Poor-Law Officers' Journal" calls attention to a ruling by the Local Government Board in regard to the Winchcombe Guardians, in which the Board gave as examples of drugs, etc., which may properly be regarded as expensive, the following: Cod-liver oil, iodide of potassium, bromide of potassium, tincture of digitalis, quinine, antipyrin, salicylate of sodium, antiseptic surgical dressings, cocaine, phenacetin, trional, and serum preparations.

The Chichester Guardians have been considering the question whether the medical officer should, according to his agreement, supply surgical dressings at his own expense. The Clerk said that formerly the medical officer supplied dressings without question, but that the Guardians undertook to pay for expensive medicines and surgical appliances. He contended that surgical dressings are not surgical appliances, but some of the Guardians differed from the Clerk.

Pharmacists in the Poor-Law service who are entitled to an increase of salary will be well advised to let the matter stand over until the termination of the war, writes a correspondent, unless a special claim can be presented, as the Local Government Board has refused to sanction ordinary increases during the war. The question of increase in salary is never a very popular one with Guardians, who are reluctant to forward a recommendation for approval which has the slightest chance of being refused. In cases where extra duties have been imposed on dispensers, through soldiers or sailors being treated in Poor-law infirmaries, the Local Government Board place no difficulties in the way of allowing special grants to be made for extra services.

Drug Contracts.

The Dover Board of Guardians on February 17 decided in future to obtain all drugs from Allen & Hanburys, Ltd., at 7½ per cent. off list prices.

The Lambeth Borough Council has been recommended to accept the tender of Alfred C. Young & Co. for a twelve months' supply of carbolic acid and carbolic-powder.

The Lewisham Guardians have been recommended to continue until further order the contracts with Willows, Francis, Butler & Thompson, Ltd., S. Maw, Son & Sons, and the Galen Manufacturing Co. for the supply of drugs, surgical appliances and instruments, and surgical dressings, etc., respectively.

The tender of Adcock, Easton & Co. for the supply of disinfectants has been recommended for acceptance by the Wandsworth Borough Council.

War Office Contracts.

The following were made during January: *Water-bottles.*—Arnold & Sons, 6 Giltspur Street, London, E.C. *Calcium Carbide.*—Imperial Light, Ltd., New Road Works, Battersea, London, S.W.; Lockerbie & Wilkinson (Tipton), Ltd., Tipton, Staffs; Phos Co., Phos Works, Dalston Lane, London, N.E.; Thorn & Hoddle Acetylene Co., Ltd., Harris Street, Camberwell, London, S.E. *Candles.*—Price's Patent Candle Co., Ltd., Belmont Works, Battersea, London, S.W.; Wilkie & Soames, Ltd., East Greenwich, London, S.E.; (term contract) Dixon & Co., 11-15 Upper Erne Street, Dublin. *Chloride of Lime.*—United Alkali Co., Ltd., St. Helens. *Combs.*—Aberdeen Comb-works Co., Ltd., Aberdeen; J. Dobson, Bela Mill, Milnthorpe, Westmorland; G. J. Humpherson & Sons, Llanthony Docks, Gloucester; A. Mitchell, 23 Waterford Street, Dublin. J. Schofield, Attercliffe Road, Sheffield. *Dental Outfits.*—C. Ash, Sons & Co., Ltd., Walton-on-Thames; Dental Manufacturing Co., Ltd., Alston House, Newman Street, London, W.; F. H. Hallam & Sons, Ltd., 82 Salusbury Road, West Kilburn, London, N.W.; F. Lepper, Ltd., 56 Great Marlborough Street, London, W. *Disinfectants.*—J. Bell, Hills & Lucas, Ltd. Oxford Works, Tower Bridge Road, London, S.E.; Celtic Chemical Co., 236 Petershill Road, Glasgow; T. Moscrop & Co., Ltd., St. George's Street, Bolton; Pearson's Antiseptic Co., Ltd., Clough Road, Hull; W. C. Smithie & Co., Britannia Works, Farnworth, Bolton. *Emery Cloth, Powder, etc.* (term contracts).—J. & E. Dalton & Co., Ltd., New Mills, Albion Road, Stockport; London Emery Works Co., Ltd., Park, Tottenham, London, N.; T. Waring & Co., Emery-works, Rochdale. *Glycerin.*—Gerard Bros., Ltd., New Basford, Nottingham. *Lubricating-grease.* — H. Morris, Baltie Works, Newport, Mon.; Price's Co., Ltd., Belvedere, Kent. *Medicines.*—Boot's Pure Drug Co., Ltd., Island Street, Nottingham; The British Drug Houses, Ltd., 22-30 Graham Street, City Road, London, N.; Brook, Parker & Co., Ltd., Nelson Street, Bradford; Burgoyne, Burbidges & Co., East Ham, London, E.; Burroughs Wellcome & Co., Dartford; E. H. Butler & Son, 93 Humberstone Gate, Leicester; Carnegie Bros., 33-35 Charterhouse Square, London, E.C.; A. H. Cox & Co., Ltd., 93 Lewes Road, Brighton; C. Curling, Wyman & Co., 58-59 Bunhill Row, London, E.C.; Davies, Sons & Co., Bridge Street, Derby; Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, London, E.C.; R. W. Greeff & Co., Thames House, Queen Street Place, London, E.C.; Hopkin & Williams, Ltd., 16 Cross Street, Hatton Garden, London, E.C.; Hough, Hoseason & Co., 51 Holland Street, Pendleton, Manchester; Howards & Sons, Ltd., Ilford, London, E.; Johnson & Sons, Manufacturing Chemists, Ltd., 23 Cross Street, Finsbury, London, E.C.; May & Baker, Ltd., Battersea, S.W.; Parke, Davis & Co., Heston Mills, Hounslow; Southall Bros. & Barclay, Ltd., Lower Priory, Birmingham; Standard Tablet and Pill Co., Ltd., Goldstone Chemical-works, Hove; Whiffen & Sons, Ltd., Lombard Road, Battersea, London, S.W.; C. Zimmermann & Co. (Chemicals), Ltd., 9-10 St. Mary-at-Hill, London, E.C. *Methylated Spirit.*—W. T. Alexander, Chase Street, Red Bank, Manchester; B. Biggs & Co., Blondin Works, Blondin Street, Bow, London, E.; W. W. Hill, Son & Wallace, Ltd., Elton Street, Broughton Bridge, Salford, Manchester; A. Macnair & Co., Dolphin Street, Ardwick Green, Manchester; May & Baker, Battersea, London, S.W.; Sutton, Carden & Co., Ltd., Hill Street, Finsbury, London, E.C.; Vauxhall Methylating Co., 41 Maguire Street, Liverpool; Waters & Co., Ltd., 7-10 Bateman Row, Shoreditch, London, E.; (methylating only) W. H. Holmes & Sons, Portland Road, Newcastle-on-Tyne. *Wax-polish.*—Day & Martin, Ltd., Carpenters Road, Stratford, London, E.; Swift Polish Co., Hospital Road, Hounslow. *Viscose Solution.*—Viscose Development Co., Ltd., Bromley. *Surgical Instruments and Materials.*—Arnold & Sons, Giltspur Street, London, E.C.; Bell & Croyden, Ltd., 50 Wigmore Street, London, W.; Carr, Wild & Co., Ltd., New Enterprise Works, Egerton Street, Sheffield; F. H. Critchley, 21 Great George Square, Liverpool; J. Critchley & Sons, 18 Great George Street, Liverpool; Cuxson, Gerrard & Co., Ltd., Oldbury; Darton-Gibbs Co., Fountain Lane, Oldbury; A. E. Evans, Hertford Place, Whitfield Street, London, W.; J. Glover & Sons, 60 Frogmore, Wandsworth, London, S.W.; Goldschmidt, Schmerl & Co., 147 Farringdon Road, London, E.C.; F. H. Hallam & Sons, Ltd., 82 Salusbury Road, West Kilburn, London, N.W.; J. L. Hatrick & Co., Ltd., Crosskeys Mews, Welbeck Street, London, W.; Implitico, Ltd., 2 Pocock Street, Blackfriars Road, London, S.E.; Longmates, Ltd., 67 Marylebone Road, London, W.; S. Maw, Son & Sons, 7-12 Aldersgate Street, London, E.C.; Medical Supply Association, 167-185 Gray's Inn Road, London, W.C.; D. Moseley & Sons, Ltd., Chapelfield Works, Ardwick, Manchester; Robinson & Son, Ltd., Chesterfield; Southall Bros. & Barclay, Ltd., Charford Mills Saltley, Birmingham; G. Spiller, Ltd., 32 Wigmore Street, London, W.; Surgical Manufacturing Co., 83-85 Mortimer Street, London, W.; J. Taylor & Co.'s Dental Material Depôt, Ltd., 29 Eyre Street Hill, London, E.C.; W. Vernon & Sons, North Road, Preston; White & Wright, 93 Renshaw Street, Liverpool; Willetts & Co., Heneage

Street, Birmingham; (term contracts) A. Barton & Sons, Ltd., Albion Mills, Commercial Road, Hazel Grove, Stockport; T. J. Smith & Nephew, 5 Neptune Street, Hull. *Operating-tables.*—Down Bros., Ltd., 21-23 St. Thomas's Street, London, S.E.; J. Gibbons, St. John's Works, Wolverhampton.

Birmingham.

A new style of window-dressing has appeared in Birmingham. The back and floor of the window are covered with a material consisting of black and white squares about 2 in. in diameter. The scheme makes passers-by turn and inspect the window contents.

The Universities are doing their "bit" in various ways. Birmingham, with the Technical School under Dr. Price, is producing large quantities of aldehyde, the initial stage in the production of acetone, which is passed on to "another place in England" to be converted into an essential in war-time.

The chief grocers of the city have found that Wednesday is not a suitable closing-day for their business, and they have decided to change the day to Saturday. Other traders are following this example, and it is probable that the city pharmacists will ultimately fall into line if the arrangement is largely adopted.

Liverpool.

A proposal is being considered to call a mass meeting of pharmacists of the Liverpool, Birkenhead, and Wallasey districts to consider nominations for the election of the Pharmaceutical Council.

When Mr. Horace Seymour Alpass, a well-known South Liverpool pharmacist, died thirty years ago his Masonic brethren founded a benevolent fund to perpetuate his memory. The subscription for the past year exceeds 2,500*l.*, and forms a record. The invested funds are 16,386*l.*

New to Liverpool, the question of darkened windows and doorways is most perplexing to chemists and druggists, owing to their late hours of business. Various devices, such as lettered lamps or shades and illuminated cards, are used to signify that the pharmacies are still open. In the suburbs, where customers are the most numerous after dark at this season, the regulation is very irksome.

The advice given by Sir Richard Robinson to local pharmacists to concentrate their businesses by forming partnerships appeals to other tradesmen who are suffering from the over-multiplication of shops and the competition of the various "stores" of the octopus type. It has been recognised that the counsel is most timely at a period of stress owing to the calling of assistants to the Colours. So thorough threatens to be the depletion as to give pause to the pharmacists who have been studying for the medical profession. One at least states that for lack of an assistant he fears he must return to his dispensing.

Manchester.

The advance in the retail prices of toilet-soap has at last taken place, and most chemists have now advanced their "twopenny tablets" to 2½*d.*, and the "threepenny tablets" to 3½*d.* As these lines are costing about 4*s.* a gross more, the retailer is being asked by the manufacturers to advance the retail prices in proportion.

The competition in connection with the Manchester Chemists' Assistants' Association for two book prizes will be held in Room E.8, at the School of Technology, Whitworth Street, from 2.30 to 4 P.M., on March 8. Candidates must give notice in writing of their intention to compete to Mr. Jas. Grier, The University, Manchester (from whom further information can be obtained), a week before the date of the examination.

The lighting restrictions in Manchester have become more stringent, and over sixty traders and shopkeepers have been fined for not conforming to the regulations. The windows of chemists' shops are now almost in total darkness; the various arrangements made by chemists, such as red shades and transparencies, which were at first so much in evidence, failing to satisfy the authorities, lights have had to be turned out altogether.

Last week-end there was a shortage of sugar, many of the large stores and grocery establishments being entirely without stock. Quite an impetus was, in consequence, given to the sale of saccharin. One well-known establishment did a roaring trade as a result of exhibiting a showcard 10 by 8, worded, "Why buy sugar when saccharin is much cheaper and better?" along with a show of bottles of 100 and 500 at comparatively low prices.

The danger attending the keeping of cylinders of oxygen which have not been fully used, and not returning to the chemist supplying them, was demonstrated last week at Manchester. A dustman collected some from the yard of an empty house, and, owing to the covers being soaked with rain, put them in front of the fire to dry. The result was that one cylinder exploded, doing considerable damage and injuring one or more persons in the room.

Sheffield.

The sale of Pears' soap has come to the front again, after being kept in the background for a long period. One shop recently had a window-display, which has certainly not been the rule for many years.

It has been necessary for Mr. G. T. W. Newsholme to undergo a serious internal operation, which was performed by Major Simpson on February 19. His medical attendants are hopeful of a successful result.

A death occurred at Wath-on-Dearne through a fitter's lack of chemical and physical knowledge. The man closed the outlet and inlet of a superheater containing ammonia, with the consequence that the pipes burst, and the explosion killed one workman and seriously injured another.

Miscellaneous.

Poison-licences.—The Margate Town Council renewed the poison-licences held by Mr. H. Downer, 220 High Street, and Mr. W. A. Rigden, the South Bank Nurseries.

The Use of Flash-lamps.—At Horncastle on February 19, Hubert Eley, chemist's assistant, was charged with using an electric lamp as a flash-light. He was discharged on payment of costs.

Premises Sold.—At Boston, Lincolnshire, the modern premises in Strait Bargate, occupied by Cooke & Co., chemists, were last week brought to the hammer and sold for 1,550*l.* to Mr. A. E. Bailey, chemist and druggist.

Wellcome Medical Museum.—"The Graphic" of February 19 contained pictures of the exhibits at the Wellcome Medical Museum, Wigmore Street, London, W., and also an illustration of belladonna-milling at the Wellcome Drug-farm, Dartford.

Laying Poison.—At the Norton (Malton) Police Court on February 19, a farmer named Beal was fined 1*l.*, and 30*s.* costs, for laying poison in the open country. A dog and several foxes were destroyed by the poison, which the analyst stated consisted of strychnine and arsenic.

Lighting Regulations.—At Spalding on February 15, Mr. Harry Pye, chemist and druggist, Market Place, was summoned for a breach of the lighting regulations. Mr. Pye, who was fined 2*l.*, explained that at the time the pharmacy was closed, and he used only one light to enable him to make up some medicine.

Securing German Trade.—Mr. W. H. Saunders (Ayrton, Saunders & Co., Ltd., Liverpool) urges in the "Daily Dispatch" the necessity for suitable men taking up the career of commercial travellers. These men, states Mr. Saunders, will be an important factor in wresting trade from Germany or any other competitors.

Administering Drugs.—During the hearing of a charge against a man and woman of inciting a young woman to administer noxious drugs with the intention of bringing on abortion, it was mentioned that Mr. F. R. Bowen, chemist and druggist, Cinderford, supplied a mixture to the male prisoner. The mixture, however, was not sold for procuring abortion, and was useless for that purpose.

Poisoning.—The only case of poisoning which has been reported during the week is that of a New Zealand medical practitioner, named Houghton, who had been serving in France with the Royal Army Medical Corps, but was invalided out this year owing to ill-health. He was found by a Lambeth Coroner's jury to have taken morphine in overdose, and a verdict of death by misadventure was returned.

The Barratt Art Collection.—The fine collection of pictures and engravings formed at Bellmoor, Hampstead, by the late Mr. Thomas J. Barratt, of A. & F. Pears, Ltd., is to be sold by Christie, Manson & Woods in May. Among the pictures are Landseer's "Monarch of the Glen," Constable's "Hampstead," and David Cox's "Vale of Clwydd." Gibson's celebrated marble statue, known as "The Tinted Venus," is also to be included in the sale.

Optical Society.—At the annual meeting of the Society last week, an alteration in the by-laws was made by which the payment of entrance-fees is waived during the period of the war. The officers elected for the ensuing year are: Mr. F. J. Cheshire, *President*; Mr. H. F. Purser, *Treasurer*; Mr. W. Shackelton, *Hon Secretary*; Mr. J. H. Sutcliffe, *Librarian*. The retiring President, Dr. W. J. Ettles, delivered an address on "Optical and Visual Signalling."

New Anzac-on-Sea.—In an action heard in the Chancery Division, London, during the past week, in which the plaintiffs asked for an injunction to restrain the South

Coast Land and Resort Co. from parting with money obtained in connection with a scheme for developing a South Coast resort named "New Anzac-on-Sea," Mr. Orme, of Muller, Orme & Co., Ltd., chemical-apparatus manufacturers, High Holborn, W.C., gave evidence of having visited the estate. He found it to consist of uncultivated and unoccupied land removed from any inhabited place of any kind.

Municipal Dispensing.—At the last meeting of the Lambeth Borough Council the arrangements for dispensing at the Tuberculosis Dispensary were discussed. Complaint was made that the cost of drugs has increased, and in place of the present arrangement, by which prescriptions to be made up at the local chemists' are supplied, the provision of a part-time dispenser was agreed to. Brixton has also sanctioned a similar scheme, one of the chief recommendations being the saving which will be effected if drugs are bought wholesale.

Elt's College.—On February 17 a party of twenty-two Minor and Hall students of Elt's College, North Finchley, N., half of whom were ladies, visited the laboratories of Parke, Davis & Co. at Hounslow. Mr. H. A. Lumb, P. D. & Co.'s North London representative, met the students at the College, and other representatives joined the party at Charing Cross. A most enjoyable afternoon was spent, and at the conclusion of the visit the Principal (Mr. E. E. Elt, B.Sc.) thanked the firm for the trouble they had taken in making the visit so successful. Mr. K. E. Jordan, M.P.S., has been appointed demonstrator at the College.

Closing Orders.—The Accrington Corporation on February 11 received confirmation of an order under the Shops Act, 1912, applying to chemists and druggists the following hours: Monday and Thursday, 8 P.M.; Tuesday and Friday, 9 P.M.; Wednesday, 1 P.M.; and Saturday, 10 P.M.—The Stratford-on-Avon Town Council on February 18 issued an order for chemists and druggists to close at 7 P.M. on Monday, Tuesday, and Wednesday, 1 or 7 P.M. on Thursday, 8 P.M. on Friday, and 9 P.M. or 1 P.M. on Saturday.—At Hereford, the pharmacists have resolved to close at 7 P.M. on Mondays, Tuesdays, Wednesdays, and Fridays; 1 P.M. on Thursdays; and 8.30 P.M. on Saturdays.

Royal Institution.—Professor E. G. Coker, D.Sc., discoursed on February 18 on the applications of polarised light to engineering. Brewster pointed out many years ago that when substances are stressed a difference takes place in the passage of polarised light. The colour shown by the polarised light varies according to the extent of the strain. The method is applied to engineering problems by making models of the structures in glass, or preferably xylonite, and noting the effect on polarised light when strains are applied to the various parts of the model. In this way the weaknesses of an engineering design are made manifest and strengthening methods or improved designs evolved.

Irish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Brevities.

The Kerry County Council has appointed Mr. D. J. Omahony, Cork, as public analyst to the Council at 70*l.* per annum if the number of samples analysed does not exceed 400, and 5*s.* per sample over and above that margin.

Sergeant-Major John Wright, 12th Royal Irish Rifles (Central Antrim Volunteers), was home in Ballymena, on leave from the trenches, last week. Before joining the Army he was on the staff of Mr. Huston Lancashire, chemist, Ballymena.

The Tyrone County Council has postponed an application by Mr. R. F. Blake, analyst, for an increase of salary, owing to additional work and increased price of material. He stated that at the present time all sorts of stuff was being dumped upon Ireland which could not be guaranteed.

In the King's Bench Division on February 16, Mr. Justice Pim granted leave to serve a writ out of the jurisdiction of the Court on Mr. George Heatty Wilson, of Vance & Wilson, chemists, Bray, the defendant in an action for alleged breach of promise of marriage. Mr. Wilson is at present in the Royal Army Medical Corps at Crookham, Hampshire.

The Local Government Board have informed the Carrick-on-Suir Guardians that they cannot allow recoupment for a consignment of drugs for which no analyst's certificate had been furnished them. The Clerk explained that the samples were posted in the usual way to Sir Charles Cameron, analyst, but went astray in the post. It was decided to send the samples by registered post in future.

Scottish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Edinburgh.

An anonymous donation of 1,800*l.* in 5-per-cent. Exchequer bonds has been received by the Royal Infirmary for the purpose of endowing a bed to be called the "Philpstoun Oilworks Linlithgow Bed."

A meeting of the Royal Society was held on February 21, when Professor C. G. Barkla, F.R.S., gave an address on "Recent Work in *x* Rays and its Bearing on the Theories of Atomic Structure and of Electro-Magnetic Radiation."

Bailie Inman is in charge of a depôt and inquiry bureau in connection with the Lord Provost's Committee for providing comforts for Scottish regiments. He also presided at a meeting in the Central Hall on February 20, when Mr. Robert Munro, K.C., delivered an address on "War Thoughts."

Sir James Leishman, Chairman of the Scottish Insurance Commissioners, addressed a meeting of the Ancient Order of Free Gardeners' (Scotland) Insured Association in Edinburgh on February 19. "There was not the same high confidence in Sir James Leishman's speech on National Insurance which we have been accustomed to," states the "Dispatch."

Lord Dewar decided on February 21 that the action of Fairley *v.* the Edinburgh School Board was not one that should be tried before a jury. The plaintiff claims 500*l.* as damages in respect of injuries caused to her by an explosion while she was being instructed in chemistry. In the course of an experiment for ascertaining the density of oxygen a Winchester bottle exploded, and the pursuer, a girl of fifteen, lost the sight of her left eye and sustained other serious injuries. It is averred that the explosion was caused by an inflammable gas which had been carelessly left in the bottle, and that the accident was due to the fault of the defenders or of the teacher, for whom they are responsible.

Fifeshire.

Mr. R. Cairnie, chemist and druggist, Main Street, Lochgelly, is disposing of his business in order to join the Colours.

Mr. Peter Fenton, D.C.O., chemist and druggist, Cardenden, has been re-elected a member of the Executive of the Cardenden Ratepayers' Association.

Mr. John Beath, chemist and druggist, Main Street, Thornton, is doing a big business in seeds and plants. This branch of business is not at all unusual with Fifeshire chemists.

In his capacity as Chairman of the Public Health Committee, Kirkcaldy, Judge Peebles, chemist and druggist, has been asked several pertinent questions regarding the local dispensary and the falling-off of attendances by patients there. The Judge promptly disposed of all the questions.

Glasgow.

The Scottish Co-operative Wholesale Society reports that the turnover for the second half of 1915 was 5,940,579*l.*, an increase on the corresponding period of 1914 of 1,038,264*l.* For the whole year the increase shown was 20.5 per cent.

The doctors are credited by the "Sunday Chronicle" with the intention of increasing their charges for evening and night calls so as to deter patients from making unnecessary demands upon the doctors' time. In Greenock increases have already taken place.

At a meeting of the Governors of the Royal Technical College on February 14, Mr. H. F. Stockdale, the director, reported that in the department of chemistry every available man is engaged on the preparation of intermediate products required in the manufacture of certain drugs, while in the technical chemistry department the whole staff is engaged in the extraction of benzine and toluene from coal-gas for the Ministry of Munitions. The Natural Philosophy Section of the College, in conjunction with the University, has examined the stocks of Scottish dealers in optical goods, field-glasses, and telescopes, and testing on a large scale of various articles required for munitions has been carried out. It was also reported that the Court of Session allowed a modification of regulation of the James Young Research Exhibition in Chemistry which enables holders to attend British schools of chemistry other than that of the College. Hitherto all holders of the Exhibition have found it necessary to study in Germany or under German professors at Zurich. The Chairman stated that the Exhibition will now be more useful and will increase the knowledge and application of chemical science to industry.

British Industries Fair.

THE second British Industries Fair organised by the Board of Trade was opened at the Victoria and Albert Museum, South Kensington, on February 21 and will remain open until March 3. The Fair is smaller than that of last year, as many trades, now busy with munitions, are prevented from exhibiting. On this occasion toys and games, earthenware, porcelain, china, glass and glassware, fancy goods and stationery, and the printing trades are represented. The Fair is strictly for business-purposes, and about one hundred thousand invitations have been issued to wholesale buyers in the United Kingdom and abroad, of which about twenty thousand were sent out to firms overseas. Admission to the Fair is by ticket, which can be obtained from the Board of Trade (Commercial Intelligence Branch), 32 Cheapside, London, E.C. Among the exhibits are the following:

The Aberdeen Combworks Co., Ltd., 42 Basinghall Street, London, E.C., exhibit combs of all descriptions for all markets, including toilet-combs, dust, small-tooth, and mane combs, pocket-combs, ladies' fancy combs, and hair-combs. Paper-knives, drinking-cups, tooth-picks, nail-cleaners, scoops, spoons, spatulas, etc., are also shown. All these goods are made of horn or "Keronyx," which are guaranteed non-inflammable.

The British Ever-Ready Co., Ltd., Hercules Place, Holloway, London, N., show dry cells and batteries of every description, accumulators, pocket-lamps, torches, hand-lamps, reading-lamps, etc.

Connolly & Steele, Withington Street Pendleton, Manchester, show machine- and hand-made bottles and jars in pale-green tint of almost every shape and form, these including bottles for mineral waters, cream, chutney, lime-juice, vinegar, oil, and curry. The firm specialise in patent-medicine and medical bottles, and employ the latest gas glass-melting and annealing furnaces.

Cussons, Sons & Co., Ltd., Kersal Vale Works, Manchester, exhibit perfumery novelties, toilet-soaps, and toilet-preparations in all grades, shaving sticks and creams, pomades, face-creams, cold-cream, lip-salve, brilliantine, hair-washes, toilet, lavender, and Florida water, etc. All these products are got up in the best style, and the exhibit altogether is very tasteful. The firm make a special study of export business, which they report as being good.

F. Darton & Co., 142 St. John Street, London, E.C., on this occasion give special prominence to electric motors and dynamos, electric hand-lamps, accumulators, and dry cells. The exhibit also includes a full range of meteorological instruments of all kinds, including aneroid and mercurial barometers, self-registering barographs, thermographs, etc.

The Efandem Co., Ltd., Fallings Park, Wolverhampton, show pocket-lamps and torch-cases, hand-lantern cases, electrical novelties, and dry batteries.

Eley Brothers, Ltd., Angel Road, Edmonton, London, N., have a neat corner exhibit of shaving-stick cases; oval and round tops for powder-tins, cruets, dredgers, etc.; caps for tablet-bottles, etc.; metal boxes for dentifrices, soap-tablets, etc.; clinical-thermometer cases. These are made in brass, copper, or white metal (nickel- or silver-plated), aluminium, or jewellers' metal (tombac). The company have built up a large and increasing business in these goods, and are able to make them better than their former German competitors. At the present time the company are busy on war contracts, but inquiries will receive attention.

The Endolithic Manufacturing Co., Ltd., Fore Street, London, E.C., show ivory, ivorine, bone, and metal name-plates of every description.

The Fulham Pottery and Cheavin Filter Co., Ltd., 210 New King's Road, Fulham, London, S.W., in the china section show the new "Saludor" filters, which have been specially introduced to take the place of the German and Austrian filters. The company claim that their productions are superior in all details to those of enemy manufacture, and at the same time lower in price. The filtering tubes and blocks used in these filters are made from a special mixture of kieselguhr. They are easily cleaned and sterilised, and are interchangeable with those of German make.

"Glass Sundries," 25-26 Brook Street, London, E., include among their goods ligature-glasses, tongue-depressors, and glass table-tops for the surgical trade; also illuminated signs, glass tablets, facias, and stallboards for advertising-purposes.

John Gosnell & Co., Ltd., 211-215 Blackfriars Road, London, S.E., have an alcove position, with a full range of all their perfumery and soap specialities. Many of these are suitable export lines designed to take the place of the German article—*e.g.*, the Sandalwood and Visitor Royal toilet-soaps are two very attractive lines of assorted odours, packed six in a box, and there are many other cheap lines of assorted milled soaps in different sizes at from 15*s.* to 20*s.* per gross. The "Society" eau de Cologne (also put up in "iced" form) has an increasing sale in the Colonies, particularly South Africa, now that the demand is for British- and French-made products. There are many pretty designs among the perfumes exhibited, these being packed in assorted sizes and odours, either two, four, or six in a case, at various prices. The famous toilet-articles like "Cherry Blossom," "Famora," "Cherry Rose," etc., occupy a prominent position in the exhibit.

Grimwades, Ltd., Winton Potteries, Stoke-on-Trent, have a very extensive exhibit, the items of interest to chemists including the well-known Mienecke bed-pans, "Mecca" foot-warmers, dressing- or bleeding-bowls, urinals, etc., and other hygienic ware for the hospital.

Harbutt's Plasticine, Ltd., Bathampton, Bath, show their modelling-paste, the standard gold-medal quality of which is made in ten artistic colours. The S.S.S. (a cheaper quality) is in four colours, especially for use for educational purposes and for artists and sculptors.

D. Harper & Co., 258-262 Holloway Road, London, N., have on show calendars, blotters, letter-cases, and many advertising novelties.

Hudson, Scott & Sons, Ltd., Carlisle, have an exhibit of colour-printing of all kinds on paper and metals, containers, and other articles in tin, brass, aluminium, etc.

W. A. & R. J. Jacobs, Ltd., 94 Leonard Street, Finsbury, London, E.C., show electric pocket-lamps, torches, hand-lamps, etc.

John Moncrieff, Ltd., North British Glassworks, Perth, have a fine and instructive exhibit of laboratory glassware, including flasks and beakers (Jena type glass), glass rod and tubing (soda and Jena type glass), gauge-glasses ("Unipe" brand), and sight-feed lubricators.

M. Neuhafer & Levi, 11 Fore Street, London, E.C., exhibit their "Silwyr" brand of hair, cloth, hat, and nail brushes, etc., including oxidised and fancy back brushes.

James Pascall, Ltd., 100 Blackfriars Road, London, S.E., are manufacturers of confectionery goods; they also show fancy boxes of chocolate, chocolate figures and novelties, Christmas crackers, Santa Claus stockings, etc.

The Peace Pillow Co., 17 Manchester Avenue, London, E.C., show their "Peace Pillow" for insomnia, also the octagon-shaped "Orlwara" nail-brushes. The perfumery items include "Esprit de Liége," also "L'Air de Vie" (lavender-basis perfume and toilet-water). Under the name of "Linsasha" are exhibited sachets and powder-puffs, the former being perfumed with lavender, packed in tinfoil envelopes.

Slack & Brownlow, Gorton, Manchester, show the "Brownlow" filter in different patterns; it is entirely of British manufacture, and is adapted for all climates. The firm are also makers of germ-proof porous filtering-cylinders to any desired pattern or size. Various designs of stoneware foot-warmers and other articles in hard vitrified stoneware are also shown.

Thermos, Ltd., 8 Long Lane, Aldersgate Street, London, E.C., manufacturers of the original Thermos flasks, show a large variety.

Titterton & Howard, 8-10 Great Titchfield Street, London, S.W., have a comprehensive exhibit of brush-ware, including hair, nail, flesh, clothes, hat, infants' hair, shaving, tooth, etc. The "Athenæum" tooth-brush is one of a special design, in which the bunches of bristle are drawn at different angles. The firm make a special feature of brushes for trade purposes.

Raphael Tuck & Sons, Ltd., Raphael House, Moorfields, London, E.C., have a fine selection of fine-art printing, also many toy-novelties, painting-books, engravings, photo-gravures, picture-puzzles, showcards, and advertising-cards.

Ward & Goldstone, Sampson Works, Springfield Lane, Salford, Manchester, have an extensive display of all kinds of electrical goods, novelties, and electro-chemical apparatus, included among them being many which were formerly exclusively made in enemy countries. Electric pocket-lamps, hand-lamps, and portable lamps are exhibited in great profusion. One of the best values in torches is the "Sunbeam," complete with best quality battery and metal-filament bulb, the net trade price being 1*s.* each. Electro-medical coils, of British make and of superior finish, at from 3*s.* each net, are also shown in large variety.

Legal Reports.

Trade Law.

A "Sanatogen" Employe.—A pending special jury action of Scales *v.* Wulfing & Co. (manufacturers of "Sanatogen") was mentioned to Mr. Justice Darling in the King's Bench Division on February 24. Mr. Hawke, K.C. (for the plaintiffs), said damages were claimed for alleged wrongful dismissal, and as Mr. Scales had enlisted and could only get leave to attend the Court on a definite date, he asked that March 13 should be fixed for the hearing. Mr. J. B. Matthews, K.C. (for the defendants), resisted the application. The defendants, he said, are a German firm carrying on business in this country and continuing to do so by permission of the Board of Trade on the condition that the supply of "Sanatogen" is kept up. In their defence they pleaded justification for dismissing the plaintiff, on the grounds of breach of duty and want of loyalty. It was alleged that he was instrumental in sending a petition about the firm to the Home Office and in imparting trade secrets to people who might induce financiers to start a company in opposition to the defendants. The defendants were desirous of seeing the petition in connection with their defence, and the Home Office was being approached in the matter. His Lordship fixed March 13 for the hearing, subject to any further application the defendants might find it necessary to make.

What is Carriage-paid?—At the Horncastle (Lincs) County Court on February 21, Parke, Davis & Co., manufacturing chemists, Beak Street, London, W., were sued by Herbert Carlton, chemist, Horncastle, who claimed 2*s.* 3*d.* for carriage of goods, paid under protest. Plaintiff's case was that he ordered a dozen tubes of tooth-paste, which cost 7*s.* 9*d.* net. Defendants then wrote suggesting that if an order were given for goods to make up the bill to 5*l.* net, the consignment would be forwarded in free case, carriage paid. Plaintiff thereupon sent an order for a further gross, calculating that the thirteen dozen ordered altogether would amount to 5*l.* 0*s.* 9*d.* Defendants sent eleven dozen tubes, and contended that as the order was for goods amounting to under 5*l.* carriage would not be paid by them. Defendants' case was that the goods were 10*s.* 9*d.* per dozen, with 25 per cent. off and a further 5 per cent. for cash. Plaintiff ordered thirteen dozen, which at 10*s.* 9*d.* amounted to 6*l.* 19*s.* 6*d.* Taking 25 per cent. off, this came to 5*l.* 4*s.* 10*d.*, and a further 5 per cent. off for cash brought the amount to 4*l.* 19*s.* 7*d.*, so that the order was not over 5*l.* net. After hearing a lot of correspondence between the parties read, his Honour, Judge Sir Geo. Sherston Baker, gave a verdict for defendants, and declined to allow costs on scale "A."

A Will Case.—In the King's Bench, Dublin, on February 16, before Mr. Justice Dodd and a common jury, the probate suit of Samuel Gibson and William J. Gibson, wholesale druggists, King Street, Belfast, against Joseph Hancock, Carnbane, co. Down, farmer, came on for hearing. The plaintiffs claimed as executors of the last will, dated October 15, 1909, of Margaret Henderson, Belfast, spinster, who died on May 17, 1915, to have the will established. The defendant, who was one of five next-of-kin, challenged the will on the usual statutory grounds. The testatrix, who left assets amounting to about 1,000*l.*, had continued her late mother's business as a shopkeeper in Belfast in partnership with her only sister, who is now also dead. The business had been started with the assistance of the plaintiffs' father, and the plaintiffs themselves had continued to befriend and assist the family. The testatrix had some next-of-kin, but the relations between them were not of an intimate nature. When she came to make her will she left 50*l.* to a Miss Simpson, who alone came to her assistance on the death of her sister, and the residue, after payment of the usual expenses, was bequeathed to her friends, the plaintiffs, in equal shares. Mr. Hanna, K.C., having opened for the plaintiffs, Mr. Chambers, K.C., M.P., for the defendant, stated that an agreement had been arrived at, by which the plaintiffs had consented to give the defendant a sum towards his costs, and also to give each of the five next-of-kin a small sum. After formal evidence, Mr. Justice Dodd said the will had been clearly proved, and accordingly admitted it to probate.

Workmen's Compensation.—In the Bow County Court on February 22, before Judge Graham, K.C., Wm. Burnham, 52 Spencer Road, Walthamstow, sought to recover an award under the Workmen's Compensation Act from the British Xylonite Co., Ltd., Hale End, Walthamstow. Mr. J. Scott Duckers appeared for the applicant, and Mr. Bramall for the respondents. The respondents, said Mr. Bramall, are makers of puff-boxes, scent-boxes, shaving-brush handles, and fancy goods of all sorts, and the applicant was employed as a machinist to cut the xylonite. On December 1, 1914, he was cutting it to make puff-boxes, when the xylonite slipped, and he badly cut three of the fingers of his right hand. After treatment at the hospital, he resumed work, but, as his hand was not right, massage was recommended. The company procured the services of a masseur, and for over three months paid the fare of the lad to and from the hospital for massage, paying him full wages also for the time he was away. The company then found that he had not been attending the hospital at all, and taking his condition to be due to his wilful misconduct, he was discharged at once. They had 2,000 hands, and never discharged a person who was injured; his berth was secured for life with proper behaviour, while his money was paid in full. The applicant admitted that he swindled his employers, lying to them as to his illness on many occasions, while he also deceived his mother. He gave up going to the hospital because he was sick of it. His reason for asking for compensation now was that he was earning only 24*s.* a week now as a boiler-chipper—because of his hand—whereas, owing to the demand for machinists at the defendants' works, he should be earning quite 2*l.* a week. Judge Graham said the applicant had told such deliberate lies that he should have to consider his decision.

"Ogee" as Trade-mark.—In the Court of Appeal, composed of the Master of the Rolls and Lords Justices Phillimore and Warrington, on February 22, the Registrar of Trade-marks appealed from a judgment of Mr. Justice Sargant in the Chancery Division, reversing his order which refused to allow the respondent, Mr. Thomas William Garrett, who trades as a hairdresser's sundriesman, under the name of Osborne, Garrett & Co., at Frith Street, London, and 11 Temple Street, Birmingham, to register in respect of hair-frames, hair-transformers, combs for the hair, razor-strops, and paste the word "Ogee," which the Registrar said *prima facie* was simply the letters "O. G." spelt out. (*See C. & D.*, December 11, 1915, p. 41.) The Solicitor-General and Mr. Austen Cartmell appeared in support of the appeal; and Mr. A. J. Walter, K.C., and Mr. Sebastian for the respondent. The Solicitor-General said it was the appeal of the Registrar against the decision of Mr. Justice Sargant directing the Registrar to proceed with the registration of the trade-mark in question, and after stating the facts of the case the learned counsel contended that the Registrar, who had a discretion which had to be exercised for the benefit of the public, was right in refusing to register the word as a trade-mark, as if he had done so it would have meant that the applicant would have appropriated the letters "O" and "G," which were the initials of thousands of people. Counsel stated that Mr. Justice Sargant had only ordered the registration to proceed upon Mr. Garrett, through his counsel, disclaiming any right to the exclusive use of the letters "O. G." Mr. Austen Cartmell followed on the same side. He did not dispute that the word "Ogee" was a perfectly well-known word as applied in architecture, but he contended that the Registrar had properly, in the interests of the public, refused to allow the word to be registered as a trade-mark. He submitted that the Court ought not lightly to interfere with the discretion which had been exercised by the Registrar that the use of the word as a trade-mark would be prejudicial to the public interest, and that what he had done should not be disturbed. Mr. Walter, in support of the order of Mr. Justice Sargant on behalf of the respondent, contended that to affirm the Registrar's decision would have the effect of adding words to the Act of Parliament. As a matter of fact, Osborne, Garrett & Co. had registered the word "Ogee" as a trade-mark in May 1898, and for certain of their goods had used the word as a trade-mark ever since. He contended that the use of the word in connection with the articles was not calculated to deceive, and the use of it would not be prejudicial in the public interest.—The hearing was continued on February 23, when Mr. Walter and the Solicitor-General further addressed their Lordships, who reserved judgment.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Premier Drug Co., Ltd. (P.C.).—Capital 1,000*l.*, in 1*l.* shares. Objects: To carry on the business of chemists, druggists, manufacturers of and dealers in medicines and medical preparations, drugs, and meat extracts, wine and spirit merchants, dealers in non-alcoholic and alcoholic wines, and beef and malt wines, etc. Solicitor: J. Prior, 435 Corn Exchange Buildings, Manchester.

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Oxygen Producers, Ltd. (P.C.).—Capital 6,000*l.*, in 5,500 preferred shares of 1*l.* each and 10,000 ordinary shares of 1*s.* each. Objects: To carry on the business of manufacturers of and dealers in chemical, medicinal, pharmaceutical, industrial, and other preparations, elements, gases, acids, compounds, cements, oils, pigments, varnishes, drugs, dyes and dye[substances, proprietary articles, chemical, electrical, photographic, surgical, and scientific apparatus, etc. R.O., 17 Victoria Street, London, S.W.

T. & H. Smith, Ltd.—The twelfth annual general meeting was held on February 22 at the Blandfield Chemical-works, Wheatfield Road, Edinburgh, Mr. Donald Mackenzie presiding. It was resolved that the balance of 18,462*l.* 6*s.* 6*d.* at the credit of profit-and-loss account be allocated as follows: In paying the second half-year's dividend of 5 per cent. on preference shares, 1,596*l.* 17*s.* 6*d.*; 10 per cent. dividend, free of tax, on ordinary shares, 6,500*l.*; in paying a bonus to members of the staff, under the bonus scheme of the company, 2,600*l.*; and in increasing the reserve fund by 5,000*l.*, hereby raising that fund to 23,500*l.*; leaving to be carried forward the sum of 1,765*l.* 9*s.* Mr. Wright, the retiring director, was re-elected.

International Sponge Importers, Ltd.—The report for the year ended December 31, 1915, states that the net profit, after providing for all outgoings and depreciations, amounts to 18,482*l.*, to which is added balance from last account 285*l.*, making a total of 18,767*l.* This is appropriated as follows: Amount of preference share dividend for the year, 7,500*l.*; interim dividend of 3 per cent. paid upon the ordinary shares, July 22, 1915, 4,693*l.*; to general reserve, 1,135*l.*; reserve for income tax, 75*l.*; proposed final dividend of 3*l.* per cent. upon 156,433 ordinary shares of 1*l.* each, 4,693*l.*; leaving a balance to be carried forward, 671*l.* An interim dividend of 3*l.* per cent. was paid upon the ordinary shares on July 22, 1915. The directors now recommend that a further dividend of 3*l.* per cent. be paid, making a total distribution for the year of 6*l.* per cent. upon the ordinary shares. Mr. G. S. Marks and Mr. Edgar Cohen retire from the board of directors, but offer themselves for re-election.

Bovril, Ltd.—The annual meeting was held on February 22, the Earl of Erroll, K.T., in the chair. The Chairman said that notwithstanding the higher cost of materials, transport, and labour, the net profits, with the exception of the Boer war year 1900, constituted a record in the company's history. The increased trade was largely accounted for by the growing popularity of bovril throughout the British Empire, and to some extent by the large supplies purchased privately and sent out to soldier friends and relations at the Front. The net profit standing at 168,796*l.* showed an increase of 31,211*l.* over last year. Virol (Limited) had for the third year in succession paid a dividend of 12½ per cent., and increased the reserve fund to 27,500*l.* Continuing, he said that in the memorandum recently presented to the Government drawing attention to the results of past indifference on the part of our legislators and administrative officials to scientific research, it was stated that there was only one trained man of science who in recent years filled a place in a British Government—the late Lord Playfair. His lordship was the chairman of their company from the date of its formation until his death, and he took the keenest interest in its success. Since then many of the most eminent scientists in the country had assisted in the research work of the Bovril Company, and their special knowledge in food matters was always at the services of the directors. Established as it was under the auspices of perhaps the greatest of all British authorities on food chemistry, bovril marked an important step in advance of the then existing concentrated beef-preparations. Sir James Crichton-Browne said that judging from the testimonials regarding its use both in field and base hospitals at the different fronts and in hospitals, camps, canteens, and munition works at home, bovril might be regarded as a national asset. He was satisfied that when the war was over and all manufactures or preparations of German origin have been banished from our shores, the unique body-building power of bovril would be no less helpful in restoring to health our broken men and building up their shattered nerves. The report was adopted.

John Knight, Ltd.—At the meeting of shareholders held in London on February 18, Mr. J. W. Hope, the Chairman, referred to the position of glycerin. He said the soap-manufacturers of the country have never held such an important position towards the nation as they do at the present time. Glycerin, which is an all-important constituent in the manufacture of munitions, and the supplies of which depend almost entirely upon the soapmaker, is now required in such increased quantities as to render it absolutely necessary for soapmakers to obtain further and large outlets for their production in soap, and thereby secure a increased yield of glycerin. During last October the Government commandeered the supplies of glycerin produced i this country at a price which was then considered fair an reasonable, but, owing to the great scarcity of freights, th raw materials required for soapmaking have advanced b leaps and bounds to such an extent that the cost of soa has within about a year increased by about 13*l.* 10*s.* a ton In ordinary circumstances, soapmakers would have bee fully justified in advancing the price of soap proportionatel to the rise in raw materials. As, however, this woul undoubtedly have had the effect of increasing imports thereby displacing English soaps, and consequently re ducing the production of glycerin, the trade decided t await the assistance of the Government in preventing larg quantities of soaps from being dumped in this country, as i was feared would occur should a substantial advance i the price of soap be made here. Hitherto, glycerin ha been looked upon by the soapmaker as a by-product, bu at present, owing to the increased requirements of th Ministry of Munitions, the position is reversed, and soa must be looked upon as the by-product, so that anything that interferes with the production of soap during th war must be treated very seriously. When the Minister of Munitions commandeered the whole production of glycerin from the soap-trade the export of the article was stopped automatically, and as large quantities of British-made glycerin were formerly purchased by American firms for use in the United States the value of glycerin there advanced rapidly to over three times the price at which the home product was commandeered by the British Government. The effect of this has been to place the American soapmaker in a position to compete very advantageously with soapmakers in this country. Each ton of soap imported means a reduction of at least one hundredweight in the output of British glycerin, and as the requirements of the Minister of Munitions are considerably in excess of the normal production, it behoves everyone to decline to purchase imported soaps, and to insist on getting British-made goods only, thereby making it possible for the British soapmaker to augment his production of glycerin, in order to satisfy the requirements of the Government for war purposes, and, at the same time, to prevent English gold from being transferred abroad when it is needed in our own country.

Gazette.

Partnerships Dissolved.

Harrisson, A. E., and Sedgwick, C. H., Daventry, Northampton, general medical practitioners.

Rucker, I. A. and Bencraft, Mincing Lane, London, E.C., produce-brokers; so far as regards Thomas Robert Maltwood.

Bankruptcy Acts.

Receiving Order.

Pooley, R. C. M., 20 Park Road, Clarence Gate, lately at 70 Upper Gloucester Place and 1a Upper Park Place, Dorset Square, London, physician and surgeon.

Receiving Orders and Adjudications.

Cotton, J. C. (trading as John Cotton & Son), 65 Church Street, and Hazlewood, Prescot Road, St. Helens, lately at Barondale, St. Ann's Road, St. Helens, chemist.

Elliott, P., The Willows, Bierley, Yorkshire, and lately at 5 Leeds Road, Bradford, technical chemist and manufacturer's agent.

Business Changes.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

Mr. F. J. Houston, chemist and druggist, has vacated his premises at the Market Hall, Chesterfield.

The Business of the late Mr. A. Craig Pye, chemist and druggist, Burton-on-Trent, is being continued by Miss M. E. Pye, chemist and druggist.

The Business of Randall & Son, Wareham, Dorset (established 1852), has been disposed of by Mr. B. H. Randall, Ph.C., to Mr. R. B. Warren, Ph.C. The business will still be carried on under the name of Randall & Son. Mr. Warren was formerly with Allen & Hanburys, Ltd., Vere Street, London, and recently with Hickman & Metcalf, Newbury.

Marriages.

Authenticated notices are inserted without charge.

Barker—Colley.—At Outwood Parish Church, on February 19, Augustus Frederick Barker, R.A.M.C. (Taylors' Drug Co., Ltd., Wakefield) to Annie Colley, Outwood, Wakefield.

Hocken—Churches.—At the Parish Church, Edenbridge, Kent, on February 16, Harry Hocken, chemist and druggist, 33 Station Road, Redhill, eldest son of Mr. W. T. Hocken, Penge, to L. S. Churches, youngest daughter of Mr. Alfred Churches, Edenbridge.

Deaths.

Authenticated notices are inserted without charge.

Davies.—At 490 Holdenhurst Road, Bournemouth, on February 8, Mr. Robert Davies, chemist and druggist, aged seventy. Mr. Davies passed the Modified examination in 1868.

Dowell.—At Maple House, Church End, Finchley, London, N., on February 12, Mr. John Dowell, sen., aged sixty-three. Mr. Dowell was managing director of John Dowell & Sons, Ltd., glass-manufacturers, Globe Works, Chatsworth Road, Clapton Park, N.E.

Hughes.—At Pwllheli, on January 24, Mr. Richard Owen Hughes, chemist and druggist, aged forty-eight. Mr. Hughes formerly resided at Blaenau Festiniog, and passed the Minor in 1895.

Petrie.—At Dundee, on February 16, Mr. William Petrie, wholesale druggist, aged fifty-seven. Mr. Petrie served his apprenticeship in Forfar, and about 1889 joined the staff of Johnston & Adams, Murraygate, the successors to the business founded by a Mr. Jobson more than a century ago. On the death of the partners Johnston and Adams, Mr. Petrie succeeded to the business, and a few years ago his son, Mr. Wm. K. Petrie, chemist and druggist, was taken into partnership. The deceased was a prominent member of the bowling club at Invergowrie, where he lived except during the few months of winter.

Reckless.—At 56 Joshua Road, Sheffield, on February 14, Mr. Walter Reckless, chemist and druggist, aged seventy-four. Mr. Reckless was in business at the time of the passing of the Pharmacy Act, 1868, and was registered in 1872. His son, of the same name, is a qualified chemist. Mr. Reckless, sen., was one of the oldest pharmacists in Sheffield, and carried on business for many years in Exchange Street until the premises were demolished for street improvements. The business was then removed to Castle Hill, and carried on by Mr. Walter Reckless, jun., as a wholesale business. Mr. H. G. Williams, the President of the Sheffield Pharmaceutical and Chemical Society, was present at the funeral.

Roberts.—At Menai Bridge, on February 19, Mr. Nathaniel E. Roberts, M.B., C.M. It is stated that Mr. Roberts was in his youth a pork butcher at Bangor, that he then qualified as a chemist, and afterwards (in 1879) took his medical degrees at Edinburgh University. He was medical officer at Toxteth Park Union, Liverpool, and afterwards assistant medical officer of the Port of Liverpool, retiring a short time ago.

Seatter.—At 21 Mertoun Place, Edinburgh, Mr. William Seatter, chemist and druggist, aged forty-seven. Mr. Seatter qualified in 1891, and was with T. & H. Smith, Ltd., for twenty years.

Stevens.—At 75 Albany Terrace, Chatham, on February 19, Mr. George Stevens, aged ninety-seven. The son of a Supervisor of Excise and born at Wadhurst, Sussex, the deceased went to Strood (Kent) at an early age, and was apprenticed to Jabez Hogg, chemist and druggist, High Street, Chatham. In 1842 he commenced business as a chemist and druggist in High Street, Strood, and carried it on successfully until the early 'seventies, when he retired and took up his residence in Chatham. During the time he was in Strood the late Mr. Stevens was a strenuous worker, not only in his business, but in Church and public life, being for many years a churchwarden at the parish church, a member of the local Board of Trustees, and of the Burial Board. He leaves one son (Dr. Stevens, who lives in retirement at Bexhill) and two daughters. The funeral took place on February 23 at Strood, the first portion of the burial service being conducted in St. John's Church, Chatham.

Killed in Action.

Burgess.—Private James O. Burgess, 17th H.L.I., Glasgow Commercial Battalion, was killed in action recently. He resided at Cardonald, and prior to enlistment was in the employment of the Glasgow Apothecaries' Co. He was twenty-two years of age.

Personalities.

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Dr. Joseph Kenyon, Blackburn, has been appointed assistant research chemist to the British Dyes, Ltd.

Mr. C. J. Wain, chemist and druggist, has been elected to serve on the Military Service Act Tribunal at Newcastle-under-Lyme.

Mr. Henry Ball, Ph.C., Mayor of Southport, gave a lecture before the Southport Society of Natural Science on February 17 on "The Nation's Food-supply."

At the inaugural meeting of the Burnley Chamber of Trade on February 17, Mr. L. Tomlinson, chemist and druggist, was appointed to the Executive Council.

Mr. F. W. Hornby, Ph.C., Christchurch Road, Bournemouth, has been elected a member of the Committee for the newly formed Chamber of Trade for the borough.

Mr. J. C. Umney (Wright, Layman & Umney, Ltd.) announces in the "Perfumery and Essential Oil Record" that he is back at his work after taking a rest-cure.

Mr. A. E. Hobbs, chemist and druggist, of Mount Pleasant Road, has been re-elected a member of the Committee of the Tunbridge Wells Advertising Association.

Lieutenant G. Luce Dupré, formerly actively connected with Luce's Eau-de-Cologne Co., Ltd., Jersey, Southampton, and London, had a narrow escape from a serious accident while on leave in Jersey last week. Something went wrong with his motor-cycle, and it crashed through the large window-pane of a boot-shop in St. Helier. Fortunately, Lieutenant Dupré was unhurt.

Reference was made at the annual meeting of Blackburn Royal Infirmary on February 17 to the valuable work on behalf of this institution by Mr. Thomas Critchley, J.P., chemist and druggist, King William Street. The Chairman (Alderman Kay) said the Board was glad to see Mr. Critchley present enjoying good health, and it was hoped he would long be spared to attend the meetings.

Wills.

Mr. Daniel George Ind, Rockhampton, for over twenty years the representative for Van Oppen, Ross & Ind, Ltd., Basinghall Street, London, E.C., who died on December 3, left estate valued at 2,231*l.* 14*s.* 4*d.* gross, with net personalty 865*l.* 6*s.* 9*d.*

Mr. Arthur Gresswell, Ph.C., 403 Commercial Road, Portsmouth, who died on January 8, left estate valued at 2,759*l.* gross, with net personalty 1,255*l.* Probate of his will has been granted to Mr. A. A. Moncreaff, Porchester, the sole executor.

Mr. Frederick Crosland Liversedge, J.P., Waterloo, Lancs, seed-crusher, and a director of the British Oil and Cake Mills, Rumford Street, Liverpool, who died on December 4, left estate valued at 14,667*l.* 17*s.* 10*d.* gross, with net personalty 13,731*l.* 8*s.*

Mr. Thomas Murphy Ralph, chemist and druggist, High Street, Dover, who died on October 28 intestate and a bachelor without parent, left estate valued at 963*l.* 5*s.* 6*d.* gross. Letters of administration have been granted to his sister, Miss Amelia Ralph.

Mr. David Beatt, chemist and druggist, Huntly, Aberdeen, who died on October 17, left personal estate in the United Kingdom valued at 2,258*l.*, of which 1,632*l.* is Scottish estate. Probate of his deed of settlement has been granted to Dr. W. A. Watson, Worthing.

Mr. James Stephen Skidmore, retired chemist, The Crosslands, Nantwich, who died on November 15, 1915, left estate of the gross value of 5,751*l.* 1*s.* 6*d.*, the net personalty being 439*l.* 9*s.* 9*d.* Probate of the will is granted to Mrs. Sarah Skidmore, the widow; Bertrand Skidmore, of Nantwich, son; and Samuel Lea, of Stapeley, near Nantwich, retired farmer. His business of a chemist in High Street, with the goodwill, stock, etc., he leaves to his son Bertrand.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

With special reference to the supply of medicines and appliances.

ENGLAND.

Derby.—The trouble which has arisen between the panel doctors and chemists in Derbyshire in connection with the use of the "Rep. mist." prescription was discussed at a meeting of the County Insurance Committee at Derby on February 21. Attention was drawn to the fact that notwithstanding the decision to abolish the prescription, a notice had been issued to the chemists stating that for the present it would be paid for provided the full formula is shown on the first prescription for the month and subsequent "repeats" are attached to the slips when forwarded to the bureau for pricing. In reply to questions, the Secretary explained that the Commissioners had intimated that the old arrangement must remain in operation until the matter has been decided in consultation with the Panel Committee. He had accordingly sent out the notice, numerous inquiries having reached him meanwhile from chemists anxious to know their exact position. Mr. C. W. Ridyard, pharmacists' representative, said he was rather surprised to receive the notice as he had already given the Committee to understand that he would instruct the chemists not to dispense such prescriptions. It is all very well to say that they are working on the old sytsem when they are working under a different system of payment. If they are to follow the old one, they would expect the old scale of payment. They entered into their new contracts on the understanding that the use of the "Rep. mist." prescription is abolished. He believed there is some sort of private arrangement on the part of the doctors, who hoped that by accepting the abolition of "Rep. mist." they might get established the principle of using stock mixtures, overlooking the fact that the Committee is opposed to these mixtures. He knew of a case in which a doctor had told a chemist that those who would not accept the "Rep. mist." prescription would have their custom taken from them. Chemists will refuse every prescription of the kind in spite of what had been done, and they believed the Committee would back them up. Mr. H. Fanshawe, a Friendly Society representative, asked where the benefit to the chemists came in. They were being asked to do an enormous amount of work for the doctors without being paid for it. The Secretary denied that there is a lot of work, provided the chemists kept their prescriptions in proper order. Mr. Ridyard urged that unless the Commissioners allow the Committee's decision to become operative the contract with the chemists would have been broken. Chemists made it clear that they could not accept service under the Act this year unless "Rep. mist." was abolished. Other members pointed out that the use of the prescription interfered with the right of the insured to free choice of chemist, and does not conduce to careful diagnosis. It was agreed to give the necessary fourteen days' notice for the discontinuance of the use of that form of prescription, and to inform the Commissioners of the reasons for the abolition. Dr. G. A. F. Heyworth asked whether chemists will be notified that meanwhile they must make up "Rep. mist." prescriptions. At present, he said, they are on strike, and will not do so. The Secretary replied that if a doctor's account included such a prescription he should advise the Committee not to pay it. The Committee had no authority to tell a chemist to make up a particular prescription. In the event of an insured person failing to get it he would be entitled to take it back to the doctor, who should make it up himself. Mr. Ridyard said the chemists would make up any prescription sent by a doctor, but would not undertake to accept "repeats" or copy them out. The Commissioners wrote suggesting the following addition to the Drug Tariff for 1916 in place of the one submitted by the Committee:

> An additional fee of 3*d.* will be allowed on each prescription marked "Urgent" by the practitioner by whom it is issued for dispensing and is dispensed by the chemist between the hours of 8.30 P.M. and 8.30 A.M. (or on Sundays or Bank Holidays), provided that the total dispensing-fee for any one such prescription shall not exceed 6*d.*

This was accepted. With regard to dressings and appliances, the Commissioners suggested an arrangement whereby each doctor would be paid in respect of medicine and dressings supplied to insured persons at a flat rate 1*s.* per annum for every 100 insured persons on his l entitled to receive treatment from him, but excludi those for whom he dispensed. This was referred to t Panel and Pharmaceutical Committees. In connecti with the new pricing arrangements it was resolved th on receipt of the statement of accounts from the burea cheques be forwarded to the chemists on the 15th of ea month at the rate of 6*d.* per prescription relating to t preceding month, the certified balance to be included the payment for each succeeding month, and the deductic for the Pharmaceutical Committee's purposes to be ma each month.

Hertfordshire.—At the meeting of the Insurance Co mittee on February 21, the Clerk reported that he ha given Mr. E. J. George, the prescription accountant, thr months' notice to determine the existing arrangement Mr. George had replied that a connection which he ha established with much expense and very strenuous labo during 1915 had been swept away owing to the abru termination of work. Acting on a justifiable assumptio he incurred the heavy expense of establishment and trai ing of staff, and was without the opportunity either c recouping himself for the initial outlay or to secure th ultimate adequate remuneration for his labour. The Co mittee agreed to offer Mr. George the sum of 15*l.* in settl ment of all claims against the Committee. The price-lis of the British Drug Houses was adopted for drugs no specified in the Drug Tariff. The expenses of the Phar maceutical Committee were submitted, amounting t 212*l.* 10*s.*, and it was intimated that the Commissioners hav consented to the allotment of this amount.

Hull.—A statistical return has been submitted to th Insurance Committee of the supply of medicines for th third year of Medical Benefit compared with the two pre vious years. The charge for medicines in each of the fou quarters, number, and average cost per script are as fol lows: (1st), 2,441*l.* 12*s.* 11*d.*, 72,502, 8.05*d.*; (2nd 1,644*l.* 8*s.* 10*d.*, 47,918, 8.23*d.*; (3rd) 1,337*l.* 1*s.* 5*d.*, 40,660 7.89*d.*; (4th) 1,463*l.* 14*s.* 2*d.*, 45,070, 7.79*d.* The highest aver age cost per practitioner per insured person for the yea was 4*s.* 2*d.*, the lowest 8.07*d.* In normal times Hull has a insured population of about 100,000, and in many respect can be taken as a city well above the average for enlist ments and consequent war effects upon the Drug Fund. Taking the four quarters of the year, a steady decline from the first quarter, with the exception of the last quarter, is noticeable in the number of prescriptions given; but in spite of the continued increase in the cost of drugs the average cost per script was the lowest in the last quarter of the year. At the end of 1915 the registers of the Committee, after allowing for considerable numbers of new entrants into Insurance, showed a net reduction of 10 per cent. Assuming that another 10 per cent. should be added for late notifications of enlistments, the decrease in the total accounts of the chemists when compared with inflated prices is still appreciable. This decrease is attributed chiefly to (1) the introduction of a new local Pharmacopœia containing mixtures void of superfluous flavourings, and (2) the compilation of monthly analyses showing the average cost of the prescriptions given by each practitioner on the panel, a copy of which was regularly sent to practitioners and their attention drawn to any apparent excessiveness. For the past three years the checking of the prescriptions has been carried out on the premises of the Insurance Committee by Mr. G. H. Greensides, whose services have been obtained by the Northern Counties Pricing Establishment at Durham

Isle of Wight.—The Insurance Committee on February 12 decided to pay chemists 80 per cent. on account for the quarter ended December 31 last, the sum due being 344*l.* 14*s.* 5*d.*

Kent.—At the meeting of the Kent County Council on February 16, Mr. A. W. Tapp (Gillingham) said he had heard from insured persons that they are suspicious sometimes that the medicine supplied them by the chemist is not in accordance with the panel doctor's prescription. He mentioned the matter to the Kent Insurance Committee, and was referred to the Food and Drugs Committee of the County Council. Alderman Quested (Chairman of the Committee) said he had no doubt the county analyst would carefully examine any medicines submitted to him and do his best to ascertain whether they are in accordance with the prescriptions. At the meeting of the Insurance Committee on February 23, Mr. A. W. Tapp mentioned that he had elicited from the Chairman of the Food and Drugs Committee of the Kent County Council that the county analyst would be pleased to examine any medicine of which a

panel patient was suspicious as not in accordance with the doctor's prescription. Dr. Greenwood: It is to be hoped that no bottle of medicine will be sent without the prescription. Mr. J. E. French (chemist and druggist, Sittingbourne) said it would be very unfair to the chemist if such a course were adopted. When samples are taken for analysis they should be divided into parts, one of which is retained by the seller. Here the bottle of medicine was handed to the patient or his representative and the chemist has no check. It is placing the chemist in an awkward position, and if anything is found to be wrong he would have little chance to defend himself. Mr. Tapp was continually hinting at this kind of thing. If he brought a specific case, as a representative of the Pharmaceutical Committee, he would be glad to see that it was gone into, but to make general accusations against the chemists is unkind. Mr. Tapp said he made no charges against chemists generally; he had great regard for them, but at the same time insured persons must be protected. He asked the question in the best interests of the insured persons. It was recommended that the method of payment for emergency dressings be that approved of by the Commissioners—viz., a flat rate of 1*s.* per annum for every hundred patients on the doctor's panel. The attention of doctors is to be called to the ruling of the Committee that "Rep. mist." prescriptions are only allowed within the month in which the original prescription was written.

Leeds.—Panel chemists on February 15 received the first payment under the 1916 agreement, at the rate of 4½*d.* per scrip.

London.—At the meeting of the Insurance Committee held at the County Hall, Spring Gardens, S.W., on February 24, it was recommended that Mr. W. J. Uglow Woolcock be appointed a member of the Finance Sub-Committee, in place of Mr. Anderton, resigned. The Sub-Committee's report drew attention to the position of the Sanatorium Benefit Fund, which necessitates a system of selection as suggested by the Sanatorium Benefit Sub-Committee. Subject to the concurrence of the Pharmaceutical Committee, it was recommended that payment of chemists' accounts for February be at the rate of 5*d.* per script. In regard to the administrative expenses of Panel and Pharmaceutical Committees the following recommendations were made: (*a*) That, subject to the consent of the Insurance Commissioners, the sums of 2,600*l.* and 2,400*l.* respectively be allotted for the year 1915 out of moneys available for the provision of Medical Benefit in London to and for the administrative expenses of the Panel and Pharmaceutical Committees for the County of London, and that further payments of 100*l.* and 400*l.* respectively be made to the Panel and Pharmaceutical Committees in connection therewith. (*b*) That, subject to the consent of the Insurance Commissioners, a sum not exceeding one-halfpenny in respect of each insured person entitled to obtain medical attendance and treatment from the practitioners who have entered into agreement with the Committee be allotted to and for the administrative expenses of the Panel Committee for the County of London, and a similar amount to and for the administrative expenses of the Pharmaceutical Committee for the County of London; and that payments on account of such sums be made periodically to each Committee. (*c*) That a rateable proportion of the administrative expenses of the Pharmaceutical Committee be deducted from each monthly account of persons on the list of persons supplying drugs and appliances. With regard to the scrutiny of priced prescriptions the General Purposes Sub-Committee recommends that notice of desire to exercise the right of examining prescriptions priced by the Committee must be given within a period of seven days from the receipt by the person supplying drugs and appliances of the advice note showing the amount due in respect of a given month's prescriptions, and that the Pharmaceutical Committee and persons on the list of persons supplying drugs and appliances be so informed. The Establishment Sub-Committee reported that considerable difficulty has been experienced in finding suitable accommodation for the Drug and Appliances Department. The Medical Benefit Sub-Committee again considered the question of "Rep. mist." prescriptions, and recommended that medical practitioners on the panel shall not give any order for drugs or appliances in such a form as to necessitate a reference on the part of the person supplying the drug or applance to a previous order, and that the Panel and Pharmaceutical Committees and the Insurance Commissioners be so informed. In regard to stock mixtures, the Committee is not prepared to issue notice to persons on the list of persons supplying drugs and appliances that reduced dispensing-fees will apply to the following mixtures included in the London Insurance Pharmacopœia: Mist. alba, mist. gentianæ c. rheo, mist. acida, mist. ferri arsenicalis, mist. ferri et magnesii sulphatis, and mist. bismuthi. These are the mixtures which the Commissioners found could be stocked in bulk without deterioration. Practitioners are to be allowed to sign prescriptions with a facsimile stamp if the initials of the practitioner and the date of the issue are appended. The Pharmaceutical Service Sub-Committee dealt with two complaints regarding chemists. In one of these it was found that mist. gentianæ alk. was improperly compounded, and the chemist is to be severely censured. The other case was the refusal of a chemist to dispense a prescription, as the only potassium acetate he had in stock had deliquesced, and was not in such a state that it could be used. The Sub-Committee found that the chemist was quite justified in the circumstances in refusing to dispense the prescription.

Manchester.—Panel chemists this week received their first cheques as payment "on account" for their January statements for Insurance work done. Most chemists are thankful at being relieved of the tiresome job of pricing prescriptions, and are quite confident that they will be as well off in the future as in the past, which means that they will be paid practically in full. The payments for 1915 being 90 per cent., there is still a further balance in hand.

Sussex (W.).—The West Sussex Insurance Committee has decided to allow chemists an additional dispensing-fee of 3*d.* per prescription marked "Urgent" and presented between 7.30 P.M. and 9 A.M. throughout the year, and on Sundays and Bank Holidays. A Pharmacopœia has been adopted for the area, and a copy is to be supplied to each chemist on the panel.

SCOTLAND.

Edinburgh.—Acting on the suggestion of the Insurance Commissioners, the Medical Benefit Sub-Committee of the Insurance Committee for Edinburgh has agreed to send to the Panel Committee a list of prescriptions which the Central Bureau indicates as showing possible over-prescribing. The expenses of the Drug Accounts Committee for 1915 amounted to 3,156*l.* The number of prescriptions submitted by this Committee was 142,439, and the cost to the Committee had been provisionally estimated at 201*l.* A suggestion that a standard prescription-book be adopted and that supplies be obtained from one source was considered, and continued for further information. Payments to chemists for January 1916, being 90 per cent. of the sums due, amounted to 389*l.* 18*s.*—The Scottish National Health Insurance Commission have made regulations prolonging the tenure of office of the representatives of insured persons on Insurance Committees until such date as the Commission may determine, but not later than twelve months after peace has been secured.

Fife Co.).—The Clerk of the Insurance Committee has issued a circular to panel chemists calling attention to the irregularities in connection with Insurance prescriptions, and stating that the number of causes of complaint increased in November and December. After alluding to the delay which is caused to the Checking Bureau the Clerk adds:

> The matter will come before my Committee in due course, when it may be that some more drastic step than that hitherto adopted will be taken against the offending parties. Meantime I am instructed to advise panel practitioners and panel chemists as to the present unsatisfactory state of matters. I have no information as to the particular practitioners and chemists affected by the Bureau report, and accordingly this letter is being issued to each practitioner and to each chemist on the panel.

WALES.

Merthyr Tydfil.—At the meeting of the Insurance Committee on February 15, it was stated that the average cost of prescriptions last year was 7.72*d.*, against 8.33*d.* in 1914.

Tea made of "raspberry or strawberry leaves, apple-peel, etc.," is suggested in Germany as a means of making up for the shortage of tea. Roasted malt and acorns are also indicated in place of coffee.

Cause of Cancer.—Certain substances are found to be necessary for cell-division to take place, and are termed "auxetics," others increase cellular movements, "kinetics," and some of the latter increase the activity of auxetics and are termed "augmentors." These substances may play a part in cancer-production. Thus certain auxetics and kinetics will produce tumours on injection into animals. Workers in pitch and tar are liable to be affected with cancer, but it is only gasworks pitch, and not blast-furnace pitch, which predisposes to cancer. By the jelly method of *in vitro* staining of cells it has been shown that gasworks pitch and tar contain both auxetics and kinetics (augmentors), but the blast-furnace products contain only traces of auxetics and no kinetics.—*Nature.*

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

British Industries Fair.

Mr. Runciman announced in the House of Commons on February 17 that it is the present intention of the Board of Trade to hold a British Industries Fair in London in the early spring of each year.

Trade after the War.

About a score of Members of the House of Commons will attend the Conference of the Commercial Committees of the Allied Parliaments to be held in Paris on March 27 and two following days to consider questions of commerce arising out of the war.

Ginger-wine.

Mr. J. Cathcart Wason, M.P., will, on February 28, ask the Chancellor of the Exchequer if he can give an approximate estimate of the quantity of sugar used in the manufacture of beer, and also in the manufacture of ginger-ale, ginger-wine, and lemonade; and will take into consideration the fact that the price of sugar prevented much jam being made last year, and curtail as much as possible the use of sugar in drink that cannot be regarded as a necessity.

Registration of Firms Bill.

Our Parliamentary Correspondent states that Lord Southwark has given notice of his intention to re-introduce in the Upper House the Bill relating to the registration of firms which was refused a second reading by their Lordships a short time ago. This course is being adopted, as it is felt that from the recent debate the history of the Bill and the opinions held in regard to it by the commercial community at large are not generally appreciated. Lord Southwark has since fixed March 22 for the second reading of his Bill.

Spirits as Medicine.

In the House of Commons on February 21, Mr. William Thorne asked the Minister of Munitions whether he is aware that in a case heard at Workington a licensee and his wife were fined 20*s.* and 10*s.* respectively for supplying a small quantity of spirits on a medical certificate, dated in November, and that on the hearing of the case the Chairman stated that a doctor's certificate that spirit was required as medicine was only good on the day of issue; and what steps will he take to amend a regulation which presses hardly on the poorest section of the population.

Dr. Addison replied that he had not heard of the case referred to in the question. If the hon. member would send him full particulars he would ask the Control Board to make inquiry.

Enemy Sugar in Swiss Cocoa.

In reply to a question by Mr. Butcher regarding imports from Switzerland of chocolate and other cocoa preparations containing sugar of enemy origin, Mr. Runciman stated that he is aware that some at least of the chocolate imported from Switzerland contains sugar of enemy origin, but it is the practice to allow the importation of goods for our own use manufactured in neutral countries from materials which are partly of enemy origin, provided that the proportion of value due to such materials does not exceed 25 per cent. He has had inquiries made which show that this proportion is not in fact exceeded in the case in question, and he is not prepared at present to prohibit the importation of Swiss chocolate and cocoa preparations. These preparations are, of course, already dutiable.

Toilet-soap Trade.

In the House of Commons, on February 21, Mr. Cathcart Wason, M.P., asked the Chancellor of the Exchequer whether he is aware that it is practically impossible for soap-manufacturers under existing war conditions to meet outside competition, and whether, in view of the fact that such articles as toilet- and shaving-soaps, dental creams, etc., are distinctly articles of luxury, he will either prohibit their entry or place a duty of 100 per cent. thereon.

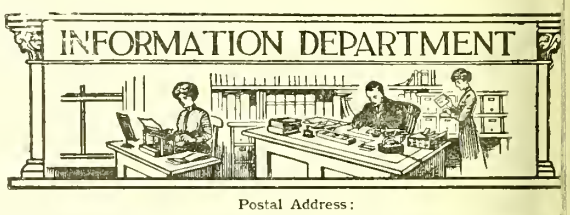
The Chancellor of the Exchequer replied that he has received communications in regard to the statements contained in the first part of the question. In regard to the last part, he was unable to anticipate his next financial statement.

On February 24, in the House of Commons, Major Newman asked the President of the Board of Trade whether he is aware of the handicap that is now imposed on toilet-soap makers in competition with American firms; whether he is aware that, owing to the firms who used to supply nickel-plated tubes for holding shaving-sticks of soap being now Government-controlled firms, British shaving-soap manufacturers have now to send out their soap either in seamed t boxes or else unboxed, whereas their American competito are at no such disadvantage; whether the Government still purchasing glycerin from American firms at an inflat price and not from English suppliers; and whether it the intention of the Government to put a heavy tax on t import of toilet-soap, shaving-soap, and dentifrices durir the period of war.

Mr. Runciman on February 24 replied that he recognis that under existing conditions British manufacturers toilet-soaps are placed at a distinct disadvantage as cor pared with their competitors. He could not say more present than that the matter is receiving consideration.

The Price of Glycerin.

Major Hunt asked the Minister of Munitions on Wedne day whether glycerin has been commandeered by t Government; what price per ton the Government pa British manufacturers for glycerin; and what price p ton the Government pays Americans for glycerin boug from that country?—Dr. Addison replied that all glycer produced in this country is requisitioned for national pu poses. A statement as to the prices paid would not i in the public interest. No glycerin is being bought fro America by the Ministry of Munitions.—Major Hunt i quired whether any glycerin is bought from other cou tries.—Dr. Addison: I am not prepared to give furth details.—Mr. Mooney asked whether the prices paid in th country and in America have already been stated by firm of soap-manufacturers in a circular issued to membe of the House?—Dr. Addison: I do not know whether it h been stated so or not.



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Telegraphic Address: "CHEMICUS, CANNON, LONDON" (two words).
Telephone Number: 3617 CENTRAL (three lines).

INFORMATION WANTED.

Postal or telephone information with respect to makers or first hand suppliers of the undermentioned articles will be appreciated. Please address us as above:

139/40. "Yesol," substitute for hydrogen peroxide.
134/29. "Aries" anti-vermin body-belt.
137/8. Actual manufacturers or agents of screwed glass ligature tubes, 6½ in.
142/11. Mackworth life-saving doublet.
141/43. Chiozza & Turchi, Castile-soap makers, Italy: London agents.
141/16. "Creme d'Amandes" (almond shaving-cream) makers.
140/54. "Caledonia" brand soft soap.
139/32. "Pyroleine" for burns.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C.:

American turpentine (dealers), 127/20
Ammoniated mercury, 124/1
Bael-fruit, 125/53
Bauer & Black, of Chicago: London agents, 140/74
Bird's Botanic Essence, 124/17
Boracic socks, 128/31
"Crex," 134/13
Cotton-wool plant, 136/2
"Cuprosal," 141/1
Cutch (for Japan), 112/74
"Dentokos," 125/47
"Devaux honey and flowers," 127/40
Dextrine, 123/47
"Drake" bath-salts, 129/17
"Galyl," 116/52
Gelatine capsules, filled, 140/16
"Gieve" life-saving waistcoat, 130/42
"Gillette" safety razor, 114/49
Grinding machines, 117/58
Hæmoglobin, 121/7
Helmitol substitute, 115/32
"Hennaglinta" shampoo, 199/26
"Iodolysin," 125/54
"Kelva" tooth-powder, 16/53
"Kiwi" polish, 128/74
Krithin, 112/12
"Lady Marie's cream veletta," 127/40
"L'air de Vie" toilet articles 132/2
Manicure-cases (fitted), 117/32
Mattoni's Giesshübler water, 115/39
Methylated spirit, 202/4
Moseley's foods, 121/59
Nitrogen in cylinders, 112/7
Paper frills for capsules, 124/28
Para-typhoid vaccines, 125/41
Pean's artery forceps, 126/450
Petroleum jelly (crude), 111/18
"Petrosine," 135/53
"Pincoleum," 123/23
Soda bicarbonate, 141/12
Spencer Wells artery forceps 126/45
Spirit-lamps (glass), 126/45
"Steromnia" adhesive plasters, 120/54
"Stovaine" (Billon), 123/23
Superphosphates, 137/67

Observations and Reflections.

By Xrayser II.

"Malted,"

as the Master of the Rolls, said in the Horlick appeal case, is undoubtedly a "mere adjective," and there is no good reason to be alleged why any one firm should be allowed its exclusive use as in itself a distinguishing trade term. Its use in the sense attached to it in such names as "malted food," "malted milk," etc., is, moreover, quite recent, and does not seem to me happy. The original and true meaning of the word "malted" is seen in the phrase "malted barley"—that is, barley made into malt; and though it would be idle to object to such sense-developments as come about naturally and by general consent, it is not desirable that terms used in manufactures and commerce with a well-established meaning should be used in an entirely different sense as parts of the name of proprietary articles, or, indeed, of any articles. But apart from this, it is much better for proprietors to invent a name of their own, or to rely boldly on their own name as a sufficient distinction, than to try to secure peculiar rights over words which are the common heritage of all English-speaking people.

Exportation of Prohibited Goods

under licence from the War Trade Department is, according to the paragraph in your last issue, a very serious matter, because the exporter is to be held responsible if any of the goods so exported should ultimately reach the enemy. In order to guard against anything of this nature occurring, exports should be made only in connection with the Overseas Trusts that have been organised by the Foreign Office with neutral countries. Failing this, the exporter incurs a serious risk, and rather than do so business should be declined altogether. Further, it has been the custom in the past for applications for licence to export to be signed by an employé, but in future only the owner or manager of the business must sign the forms. This will, of course, involve a good deal of extra trouble in the case of firms doing a big export business, but the labour will be well spent if thereby the responsible head of the firm is brought into intimate touch with what is being done in the important matter of exports.

A Trade War

between us and Germany, when the present armed conflict is over, is a certainty we are preparing for, and its probable character is not difficult to foresee. German methods in the past are an indication of what her future action is likely to be if she has the power, and we have little to fear from her to which, in principle, we are not accustomed. And if the present war and its necessity from the German point of view are what M. Millioud, Professor of Sociology at Lausanne, in his "La Caste Dominante en Allemagne," a work now translated into English, with an introduction by Sir Frederick Pollock, declares them to be, we may face the situation with confidence. M. Millioud, who speaks after long study of the subject, and from a large acquaintance with the conditions controlling it, says that Germany is fighting mainly for trade reasons. Her manufacturers have long been trying to establish themselves in foreign markets by selling at prices below cost abroad and above it at home, but had come to the conclusion that they could not carry on this operation much longer. The ruling classes determined to fight because manufacturers, financiers, and statesmen alike had been "dragged so deeply into a war of economic conquest that they could not withdraw. The methods employed were now working against them." As the opinion of a neutral who is also a trained observer of social and economic facts this has much weight, and if M. Millioud is right there is a lesson in it for us. German methods, however apparently successful for a time, cannot be really sound. The instability of German finance was, it is affirmed, made apparent to experts by the American crisis of 1907, and has become notorious within the last few years; the war is an attempt to save the situation, which, however, it will but aggravate.

Mr. Woolcock's Address

at Bradford and Mr. Sargeant's in North London were of great interest and importance, but neither of them was above criticism. Mr. Woolcock put the best possible face on what the Society has done for us in relation to Insurance work, laying stress, like a skilful advocate, on points which are least in dispute. Nobody denies that the Conference secured the abolition of the discounting clause, but none the less do the critics of the Society regard the price paid as excessive, and maintain that a bolder attitude would have been more successful. We charge our leaders with want of courage, and look upon the acceptance of Mr. Roberts' terms as a virtual surrender of our position. It is no answer to such criticisms to keep harping on admitted achievements, and Mr. Woolcock's satisfied attitude compels us to remind him of our dissatisfaction. He represents the result of the Society's action as a victory for us; we regard it as at best a Pyrrhic victory, a repetition of which would ruin us. To talk as he does about being wise after the event is almost to add insult to injury; we were not consulted before the event, and we protested against it as soon as it was made known.

Mr. Sargeant

dealt with the future, and he said many things with which I am in hearty agreement, but in some respects he went too far, and in others not far enough. His trumpet was loud enough, but it did not give forth a very certain sound. I am no more enamoured of the trade in patents as we are forced to carry it on than he, but this is part of the "bread-and-butter policy" to which we are bound. His reference to the Proprietary Articles Trade Association was particularly obscure. He calls it a limited success, yet says its objects are inimical to our interests; in what sense, then, is it a success? He tells us the Society must look after our trade interests, and regards its founders' "pious statements" as incompatible with present conditions, yet deprecates a change of constitution adapting the Society to those conditions because they are not permanent. Of course they are not; no conditions are permanent, and what we want is a constitution that would enable us to deal with changing conditions, which at present we cannot do.

Asphyxiating Gas,

says a paragraph in a leading "daily," is being made in Germany from the seeds of cevadilla, which though "poisonous to dogs and cats," are "used as a remedy in various complaints." The fact, of course, is that cevadilla is only used officially as a source of veratrine, which is very rarely given internally, though formerly the extract and tincture were sometimes given for intestinal worms. The seeds have been known since 1571, when the plant was described by Monardes, who says that the Mexican Indians used it as a caustic for wounds. Our Parkinson, who follows Monardes, calls it "Indian Causticke Barley." The seeds have, we are told, been largely imported into Germany for many years, ostensibly for medicinal purposes, but however this may be, its present alleged use is in accordance with the reputation of the plant, and a notable instance of German thoroughness and ingenuity in the application of knowledge to practical purposes. Another of a similar kind may be inferred from the announcement recently made in German newspapers that willow catkins are not allowed to be sold, presumably because they are wanted as a substitute for cotton in the manufacture of explosives. The word "catkin," by the way, is a diminutive of "cat." Lyte, in whose translation of Dodoens it first appears in English (being taken from his Dutch author), says of the willow: "His flower or blossom is lyke a fine throm (thrum) or thicke set velvet heaped up togither about a little stemme, the which when it openeth is soft in handling, and lyke downe or cotton, and therefore the whole flower is called a Chatton, Kitekin or Catteken."

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Editorial Articles.

Purifying British Trade.

THE announcement that the German chemical-works have arbitrarily quadrupled the price of aniline dyes and synthetic chemicals sold to Holland is a reminder of the necessity of purging British trade of the German element and also that essential products must be made in this country so that British industries shall never again be at the mercy of German traders. The blackmailing of Dutch industries which is being carried on is only a foretaste of the methods which it is fair to infer would be used against this country if we allow ourselves to remain dependent upon Germany for aniline dyes and synthetic chemicals. Fortunately steps have been taken to enlarge the scope and extent of British aniline-dye works, and it is reasonable to suppose that the manufacture of synthetic drugs will also form a part of the same scheme. When ample supplies of raw materials are available there is no doubt that British makers will be able to meet the demands for salicylates, aspirin, and many other chemicals which formerly reached this country from German chemical-works. The London Chamber of Commerce make this week some recommendations regarding legislation for promoting and protecting British industries, which are reported elsewhere in this issue. It is certain that the old policy of *laisser faire* will be abandoned in the future so far as British trade is concerned, and that a policy of ensuring that "key" industries are carried on on a sufficient scale will be one of the political aims of the future. In regard to the purifying of British trade, the Trading with the Enemy Amendment Act, which became law on January 27, gives ample power to the Board of Trade to deal with German firms, companies, and shareholders. We referred to the main features of this Act while it was passing through the House of Commons (*C. & D.*, January 29, p. 126), so that it is not necessary to revert to the new features, especially as the changes which took place were only in the nature of verbal alterations. We learn that the Committee which has been formed to advise the Board of Trade on the administration of the Act has held several meetings. This Advisory Committee is to make recommendations to the Board of Trade, and it is understood that already it has been suggested that certain enemy companies be wound up. There is reason to believe that the need for taking active steps in this matter is well understood in the House of Commons, and that the members will see that the administration of the Act is not allowed to become a dead letter. The Board of Trade is required to lay before Parliament lists of persons, firms, and companies whose businesses have been wound up under this Act. Power is also given to cancel or determine contracts entered into before or during the war with an enemy where such contracts are injurious to the public interests. The reiteration in the House of Commons by the Prime Minister of his stirring words, reproduced on p. 39, giving the reason why this country is at war, should put heart into those who have never ceased to believe in their own country. For a country of such high moral aims no sacrifice is too great.

American Chemical-trade.

he reduction in the importation of chemicals, drugs, d dyes into the United States, and its effect on prices, a result of the war, are clearly shown in the latest ustoms figures issued by the Department of Commerce d published in the "New York Commercial." While the ports in 1915 declined to about one-half the quantity corded in 1914, the advance in prices kept the total lues almost up to the 1914 level. During November 15 the aggregate value of the imports of chemicals d allied goods amounted in value to $5,709,000, and ring the eleven months ended November 1915 the tal was $75,852,000, thus making an approximate tal of $80,000,000 for the year, compared with 7,676,000 in 1914 and $101,283,000 in 1913. The following table, compiled by the Bureau of Foreign and omestic Commerce, compares the imports during eleven onths of 1915 with a like period of 1914, and indicates e extent to which quantities in most lines have fallen and prices risen during the past year:

		Quantities in millions		Values in millions	
		1914	1915	1914	1915
Acid, carbolic	lb.	6 5	1.9	$0.4	$0.1
,, oxalic	,,	7.8	1.9	0.4	0.1
Alizarin	,,	4.2	3.1	1.2	0.8
Argol	,,	25.1	28.5	2.7	3.2
Arsenic and orpiment ...	,,	3.9	3.3	0.2	0.1
Cinchona bark	,,	3.6	3.6	0.5	0.5
,, alkaloids ...	oz.	2.5	1.1	0.6	0.5
Aniline salts	lb.	2.1	0.3	0.2	0.1
Coal-tar colours	—	—	—	6 4	3.2
,, distillates ...	—	—	—	1.3	0.7
Creosote	gal.	47.2	34.1	2.9	2.7
Extract, quebracho ...	lb.	98.9	80.5	2.7	3.0
Extracts, other tanning	,,	7.4	5.4	0.2	0.2
Fusel oil	,,	3.4	3 6	0.5	0.9
Glycerin, crude	,,	24 3	15.2	3.1	1.9
Camphor, crude	,,	3.2	3.0	0.9	0.8
,, refined ...	,,	0 9	0.1	0.3	0.3
Casein	,,	9.5	6.8	0.6	0.4
Chicle gum	,,	5.5	7.4	2.0	2.7
Copal, kauri, and damar	,,	26.5	28.8	2.8	2 5
Gambier	,,	11.7	9.3	0.4	0.4
Indigo	,,	7.8	6.1	1.1	2.8
Iodine	,,	0.4	0.5	0.9	1.0
Lime, chloride	,,	33.0	7.2	0.3	0.1
,, citrate	,,	4.2	6.3	0.7	1.1
Liquorice-root	,,	100.1	47.8	1.8	1.1
Magnesite, calcined ...	,,	223.3	53.5	1.2	0.4
Opium, 9 per cent. or more morphine ...	,,	0.4	0.3	1.7	1.6
Potash salts	,,	28.3	14.2	1.2	0.8
Soda nitrate	tons	0.5	0.7	14.5	21.6
,, cyanide	lb.	*	4.2	0.4	0.7
,, salts, other ...	—	—	—	0.6	0.4
Sumach	lb.	12.1	14.5	0.3	0.3
Vanilla-beans	,,	0.8	0.8	2.1	1.3

* For six months to December 31, 2.4 millions.

Varnish-gums (copal, kauri, and damar) and argol are t only important exceptions to the rule of diminished quantities of imports in the above table. There were also imported during the eleven months of 1915, 53,513 tons of logwood, valued at $725,000 against 32,430 tons, valued at $410,000, in 1914, and 19,500 tons of other dyewoods, value $300,000, against 7,743 tons, valued at $6,000, during the same period of 1914.

Military Service.

Inquiries continue to reach us in regard to points which arise as to the claims of chemists for exemption from military service. The basis of the claim was stated in detail in The Chemist and Druggist, February 12, p. 46, and for convenience we reprint the clause in the Reserved List (*C. & D.*, November 27, 1915, p. 38) under which chemists can claim:

Chemical Trades.—Chemist, foreman, overlooker, process man. Chemist (analytical).—Chemical trades, lubricating oils and other lubricants (manufacture of), wholesale manufacturing druggists. Chemists in the sense of a person dispensing medicines under the National Insurance Acts.

Druggists (wholesale manufacturing).—Analytical chemist.

The question has also arisen when cases have been presented to Local Tribunals as to the definition of a "chemist in the sense of a person dispensing medicines under the National Insurance Acts," and we have been asked to supply the details upon which this claim rests not only for qualified chemists, but for assistants engaged in Insurance dispensing. The following is the part of Section 15 of the National Insurance Act which bears upon the point:

(5) (iii.) Subject to the regulations made by the last foregoing proviso, the regulations shall prohibit arrangements for the dispensing of medicines being made with persons other than persons, firms, or bodies corporate entitled to carry on the business of a chemist and druggist under the provisions of the Pharmacy Act, 1868, as amended by the Poisons and Pharmacy Act, 1908, who undertake that all medicines supplied by them to insured persons shall be dispensed either by or under the direct supervision of a registered pharmacist, or by a person who, for three years immediately prior to the passing of this Act, has acted as dispenser to a duly-qualified medical practitioner or a public institution.

The Regulations made under the Acts further mention that—

(4) The dispensing of medicines shall be performed either by or under the direct supervision of a registered pharmacist, or by a person who, for three years immediately prior to December 16, 1911, has acted as a dispenser to a practitioner or a public institution.

It is thus obvious that unqualified assistants engaged in dispensing Insurance prescriptions are covered by the definition from the Reserved List which we quote above.

The Sale of Laudanum.

In discussing the alteration in the poison schedule regarding the strength of morphine preparations included in Part I. of the schedule, the "British Medical Journal" states:

It is certainly desirable that the sale of so dangerous a substance as laudanum should be hedged round with all the restrictions required by the law, and the inclusion of both tinctures in Part I. will remove the possibility of obtaining it without complying with these restrictions by demanding the tincture formerly official.

To increase the strength of a "dangerous substance" will strike unbiassed persons as a draconic method of discouraging the sale of it.

The Name Chloramine.

Referring to the warning in our last issue (p. 46) as to the confusion which is likely to result between the names chloramine and chloramide, Dr. Samuel Rideal reminds us that in 1910 he applied the name chloramine to the substance represented by the formula NH_2Cl, which he showed has active germicidal properties. This was in a paper entitled "The Influence of Ammonia and Organic Nitrogenous Compounds on Chlorine Disinfection," which he contributed to the "Journal" of the Royal Sanitary Institute in 1910. The term chloramine was not, we think, invented then, but that it should now be applied to another substance possessing germicidal properties is out of the question on account of the confusion and danger which would result if the name became general.

War Materials.

Since our reference last week (p. 45) to the declaration by the Ministry of Munitions that acetone is a war material, further inquiries have shown that it will not

be permissible for wholesale druggists or other persons to sell even small quantities of acetone to a retailer without a licence, which it will not be easy to obtain. It is the intention of the Government to discountenance the use of acetone for many purposes for which it is now employed, whether technical or medicinal. Chemists may use up any stock they have on hand, but as a general rule no further supplies will be obtainable. All dealers who wish to sell acetone will require a licence in respect of each specific transaction, as it is not proposed to grant general licences. Applications for licences should be addressed to the Director of Propellant Supplies, Ministry of Munitions, 32 Old Queen Street, London, S.W. Once the seller has secured his licence it will pass on automatically to the buyer. Chloroform-makers may, however, be treated with more consideration by the Government, as there is no desire to hamper the output of this essential surgical product. The strict control of acetone-supplies puts an end to market manipulations by dealers who, competing among themselves, had helped to drive up prices to an unprecedented level in the United States and Canada, whence the bulk of our supplies is obtained. As it is, those markets have been well scoured by the Government, who are able to consume all that is offered.

Flogging a Dead Horse.

Sir Henry Norman has informed the British Medical Association that when a return to normal times arrives he will be wholly at the service of the Association for any further help it will be in his power to give in the matter of pressing for legislation on the lines of the Report of the Select Committee on Patent Medicines. The "British Medical Journal," in making this announcement, takes the opportunity of recapitulating the proceedings which led to the Report referred to. As we have previously intimated, the Report is so biassed in its findings that it has been discredited where free discussion is permitted. Our contemporary seems to fear that the Report will sink into the oblivion which it deserves, and desires to administer a soothing draught to the proprietors of patent medicines. The "B.M.J." states:

It is conceivable that the proprietors might not have any strong objection to the establishment of a Government Department to which they would be required to disclose the ingredients of their preparations, and from which they might hope to receive a certificate permitting them to trade. We could even imagine that they would welcome legislation which might seem to give to their trade more definite public recognition than through the operation of the Stamp Acts it already enjoys.

In the meantime we suggest that the powerful influence of our contemporary might be used to educate medical men in regard to the prescribing and recommendation of patent medicines of German origin. A real service would be done to the practice of medicine in this country if an active campaign were undertaken in this direction.

Heard at Warminster: Manager: "Take one of these capsules twice a day." Patient: "How be I to take one twice a day? Bite 'un in half?"

Weights and Measures in Guernsey.—An Order in Council, dated January 12, approves a Guernsey law relating to weights and measures, states the "Board of Trade Journal." On the expiration of three months from the entry of the law upon the Register of the island all weights and measures, other than the weights and measures established and recognised by English laws, will be prohibited in the commerce carried on in the island. Schedules appended to the text of the law contain all the denominations of Imperial and metric weights and measures permissible.

London Chamber of Commerce

A Special Meeting of the Chemical Trade Section was eld on February 18, the Deputy-Chairman (Mr. D. yd Howard, F.C.S.) presiding. The minutes of the pre ous meeting, held in December 1915, having been read and on- firmed, the Secretary (Mr. Charles E. Musgrave) anno ed that among the correspondence received was a letter om Mr. John C. Umney, F.C.S., intimating his resignati of the Chairmanship of the Section on considerations of h th, but it was decided to write Mr. Umney, a ng him to reconsider his decision, leaving the que on of the vacancy open until the next meeting. The c n- sion of the cash-on-delivery system was advocated a letter Mr. E. J. Boake (Boake, Roberts & Co., Ltd.) ad sent to the Chamber, he indicating that the time was er more propitious than now. The Chairman also supp ed the cash-on-delivery system especially for foreign tra

A firm also wrote to the Chamber, stating they re unable to obtain supplies of microscopic stains for c- teriological purposes, and that nobody in the U d Kingdom was able to supply similar stains to those for ly obtained from Germany. The Chairman suggested, an it was agreed, to communicate with the Society of Che al Industry.

Trade during and after the War.

The principal object of the meeting was to consider e general question of "Trade during and after the W" and recommendations contained in the Preliminary Re rt of the Special Committee as adopted by the Counc of the Chamber on January 13. These were as follows:

i. That any measures which may be considered in conne n with trade during and after the war should provide:

(a) For preferential reciprocal trading relations between ll parts of the British Empire;

(b) For reciprocal trading relations between the British Em e and the Allied countries;

(c) For the favourable treatment of neutral countries; an

(d) For regulating by tariffs and otherwise trade relations h all enemy countries, so as to render impossible a return to war conditions and for stimulating the development of h e manufactures and the consequent increased employment of na e labour.

ii. That steps should be taken to prevent the dumping (l under-valuation) of enemy goods into British markets after e war.

iii. That discriminatory taxes be levied upon the tonnage of l enemy ships using the ports of the British Empire.

iv. That the Government be urged to encourage the produc and utilisation of raw materials and manufactured goods wit the Empire under such legislative conditions as will prevent t being controlled by or on behalf of subjects of enemy countri

v. That the naturalisation laws of the Empire be amended so to prevent the abuses which have been disclosed since the c mencement of the war.

vi. That further legislation, especially in regard to en holdings in British companies or firms, is necessary to safegu British subjects from the consequences of the policy of the Gern Government in organising its subjects residing in any part of British Empire for commercial, industrial, financial, and econo purposes in time of peace, with a view to military aggression time of war.

vii. That his Majesty's Government be urged to guarantee fo period of years the continuance, by subsidy or otherwise, of n or "key" industries established prior to and since the commen ment of the war.

viii. That, with a view to promoting the development British trade under altered conditions caused by the war, Majesty's Government should appoint a Minister of Commerce Cabinet rank, to whom certain of the functions of the Board Trade and other Departments should be relegated.

Mr. Boake said he had drafted the following resolutio "That this meeting of the Chemical Trade Section co siders that, with the object of organising the interests of t great chemical industry in this country, the Governme should impose a tariff on imported chemicals, preferen being granted to our Dependencies and Allies, with a vie to making this country independent of the supply chemical substances of primary importance." In suppo ing his resolution, Mr. Boake said they must tell t Government what they want and see they get it. appeared to him that the chemical industry had had t least consideration in the representations already made the Government, and they would only have themselves blame if they were overlooked. The Chairman suggest that the resolutions already before the meeting should fir be adopted, and this was done, Mr. Boake's resolution su sequently being adopted. After discussion, a further res lution was also passed that in any representation to t Government under Section iv. of the above recommendatio the optical-glass industry should also be included.

Associations' Winter Session.

Other meetings are reported under Insurance Dispensing Reports.

Chemical Society.—A meeting was held on February 17 t Burlington House, Piccadilly, London, W., Dr. Alexnder Scott, F.R.S., in the chair. The first paper was by Ir. P. W. Robertson on *The Simultaneous Estimation of arbon and Bromine by the Chromic-acid Method.* This was n extension of a paper previously read on a method of stimating halogens in organic compounds by treating with hromic and sulphuric acids, and then absorbing the berated halogens in alkali, from which they are precipitated with silver nitrate, and weighed. It was found that nder these conditions the carbon was evolved as volatile rbon-compounds, which, on passing through a short length f heated silica tubing packed with platinised asbestos, were ompletely oxidised to carbon dioxide. The products of e oxidation were driven forward by means of carbonioxide-free oxygen. In presence of halogens 1.3/N alkali as used, and the first tube contained a small quantity of odium sulphide. After the reaction is complete the absorpon-tubes are washed out and the solution precipitated with arium nitrate to remove the carbonate. It is then titrated ith standard acid, and finally precipitated with excess of lver nitrate and nitric acid and titrated with potassium hiocyanate. The first titration gives the total carbon ioxide and bromine, while the second gives only the romine. From these two the content of carbon and romine may be calculated. When chlorine is present the hlorine is evolved as chromyl chloride, which is, however, ompletely decomposed in the heated silica tube. By using andard baryta to absorb the carbon dioxide, very small uantities of the substance may be used, as baryta is readily trated with weak acid. The results in all cases are as ood as the ordinary combustion, and are more quickly arried out. Mr. H. Bramley next read a series of papers n the *Study of Binary Mixtures.* These papers continue e work already published on the viscosity of various mixtures of liquids in an endeavour to find out upon what actors the property of viscosity depends. The author owed that the facts do not fit in with the old theory that iscosity is due to the friction between the molecules, as ything which tends to increase the association of a liquid creases the viscosity. He also compared the results given the freezing-point curves of various mixtures with their iscosity-curves, in order to determine what actual combinations take place. Since some of the combinations may nly exist in the liquid, the heats of reaction were also etermined. Mr. S. G. Sastry also read a paper on *dditive Compounds of Trinitrobenzene with Heterocyclic ompounds* containing nitrogen in the ring. A ballot for e election of members was held.

Birkenhead.—A meeting of the Birkenhead, Wallasey, d Wirral Association of Pharmacists was held on February 17 at the Masonic Rooms of the Woodside Hotel, irkenhead. Mr. John Cleworth, of Manchester, delivered lantern-lecture on *The Social Side of the British Pharmautical Conference.* Among those present were Mr. W. P. vans (President of the Liverpool Association) and Mr. . H. Saunders. Mr. Cleworth's lecture commenced with e Manchester Conference in 1907, and finished at the nester Conference in 1914, the other Conferences included ing those held at Aberdeen, Newcastle, Cambridge, ortsmouth, Edinburgh, and London. The slides were uch appreciated, and all were of a high standard. About e middle of the lecture refreshments were served, after hich the second part of the lecture, that covering London d Chester, was given. The Chester pictures were of parular interest, as many of the members were present and w themselves depicted on the screen. At the close of the ture, Mr. C. Woodfield Cooke proposed a vote of thanks Mr. Cleworth, which Mr. W. P. Evans seconded, and it as carried unanimously.

Cheshire.—At a meeting of the Cheshire Pharmaceutical sociation on February 23, Mr. Herbert Skinner (London) d Mr. J. W. Deakin (Northwich) were unanimously opted as candidates for the forthcoming election for the uncil of the Pharmaceutical Society of Great Britain.

Chesterfield.—A meeting of the Chesterfield Pharmats' Association was held on February 14, Mr. F. J. ouston in the chair. The Hon. Secretary (Mr. J. H. plis) brought forward correspondence from proprietors patent medicines who had been asked to place their eparations on the list of the Proprietary Articles Trade sociation. The members protested against the action of e Local Associations Executive Committee in accepting r. Sergeant's amendment regarding trade matters, which e members state is contrary to the wish of the local Associations. The meeting was in sympathy with the formation of a Chemists' Union, but thought it should consist of the Pharmaceutical Society, of which every chemist should become a member. A letter was read from the Association of Certified Dispensers regarding registration as chemists and druggists, and the Hon. Secretary was instructed to reply, stating that the meeting disapproved of the attempt made to obtain registration for apothecaries' assistants and others who have not passed the qualifying examination of the Pharmaceutical Society. The question of "Rep. mist." was also discussed, and the members decided to refuse to accept prescriptions of this description, as it was contrary to the terms of their agreement.

Ealing.—A whist-drive in connection with the Ealing Pharmacists' Association was held at Buol's Restaurant, Ealing, on February 16. Mr. Arnold Roberts organised it, and there were nearly ninety players present. The winners of the prizes were Mrs. Crust, Madame Ruff, Mrs. Lacock, Mrs. Davies, Mr. Coulson, Mrs. Shaw, and Mrs. Worth. A vote of thanks was given to Mrs. Harrison, who distributed the prizes.

Essex Co.—At the annual general meeting of the Essex County Association of Pharmacists, it was unanimously resolved to nominate Mr. H. Skinner (London) and Mr. J. W. Deakin (Northwich) as candidates for the Council election of the Pharmaceutical Society in May.

Glasgow.—A meeting of the Glasgow and West of Scotland Chemists' Association was held at Glasgow on February 15, when Mr. J. P. Gilmour delivered a lecture on *A Tour in Ireland*, illustrated with limelight views and with numerous songs. Mr. McMillan occupied the chair. The meeting was held in connection with the Pharmacy Athletic Club, and has resulted in a substantial addition to the funds. Mr. Gilmour, in his tour, avoided the beaten track of the tourist, and experienced to the full the kindliness and hospitality of the Irish people. Songs were contributed by Miss Gilmour, Mr. Mofatt, and Mr. W. L. Currie. Tea and light refreshments were served by the Ladies' Committee, and a vote of thanks was awarded to Mr. Gilmour and the singers at the end of the evening.

Hampshire.—The annual report for 1915 has been printed and circulated to the members of the Hampshire County Pharmacists' Association, and with it has been sent the report of the Pharmaceutical Committee. A card giving the list of officers and members has also been printed.

Huddersfield.—At the meeting of the Huddersfield Chemists' Association on February 15—Mr. S. D. Pickering in the chair—letters were read from the North-East Midland Pricing Bureau in which it was suggested that there should be a uniform payment of 6*d.* per prescription throughout the area, equal to 80 per cent. of last year's cost. The President reported that the Huddersfield Insurance Committee is only paying 5*d.*, but 6*d.* would be paid if experience showed that it could be justified. The Association decided to inform the Committee that the payment of 6*d.* would be expected to commence this month, as it is the amount agreed upon by the Commissioners. The price-list of The British Drug Houses was agreed to as the wholesale net price-list for drugs not included in the Tariff. It was also resolved that if a Sub-Committee is formed for the North-East Midland area Mr. R. C. Walshaw be asked to represent the Association upon it. The President was appointed Joint Secretary of the Association along with Mr. J. Cooper.

Hull.—A meeting of the Hull Pharmacists' Society was held on February 17, Mr. I. W. Chapman, the President, in the chair. The meeting was called to consider the question of *Uniformity of Prices.* The President said that, in regard to the meeting at which the affairs of the Proprietary Articles Trade Association were discussed (*C. & D.*, November 6, 1915, p. 57), a letter had been received from the Council of the Association, pointing out that the success of the P.A.T.A. depends upon maintaining the mutual interests of the three sections. There is no restriction on the amount which the owner of a proprietary article can pay for a window-display, providing the arrangement is *bona fide.* A letter was also read from Boots, Ltd., who had been invited to send a representative to the meeting. The fixing of uniform prices is impracticable, stated the letter, and the present is an inopportune time to discuss such a question. Even with P.A.T.A. prices the company often find that chemists are undercutting them. Taylors' Drug Co., Ltd., also wrote that, while agreeable to certain minimum retail prices, the company could not agree to them in face of opposition. Mr. Sydney Mason represented Taylors' at the meeting. Mr. Spilman then read a paper on uniformity in pricing, which, he said, is an urgent question for chemists. He dealt with the subject under three heads: (1) its desirability, (2) its hindrances, (3) its advantages. Dealing with

the first point, he said it is desirable that chemists should get more profit, especially in view of the present condition of things, and there being so many patents which bear very little profit. The trade has missed a great opportunity in not adopting Mr. Saunders' scheme as put forward in THE CHEMIST AND DRUGGIST. The increased cost of living and extra taxes demand that chemists should look more closely after their interests, as other trades are doing. If the objects of the multiple shops are to wipe out individual traders chemists could not make common cause with other traders. The small drug-stores are the worst offenders. The advantages of uniformity are apparent, but to obtain them there must be absolute loyalty on the part of chemists and stores alike. It has been said that it would be necessary to form a Complaint Committee to round up defaulters. Some say that the chemists are as much to blame as the wholesalers, for uniformity of action would help in the matter of closing-hours, or, in other words, tend to improve the life of the pharmacist. The time has come for them to make some local arrangement for prices of drugs as well as patents, and he recommended the formation of a Sub-Committee to deal with the question. A discussion followed, in the course of which the opinion was expressed that a start should be made with the articles more frequently in demand. It was agreed to form a Committee, as suggested by Mr. Spilman, the members to be as follows: Mr. L. S. Selle (East Hull), Mr. A. Richardson (West Hull), Mr. R. B. Sawyer (Central Hull), and Mr. S. Mason (Taylors' Drug Stores, Ltd.). The Committee is to report at the next meeting of the Association on March 15.

Liverpool.—A meeting of the Liverpool Chemists' Association was held at the Royal Institution on February 16. The President, Mr. William P. Evans, occupied the chair, and there was a large attendance of pharmacists to meet Sir R. A. Robinson. A letter was read from the Association of Certificated Dispensers, regarding the registration of dispensers (see *C. & D.*, February 5, p. 58), also a letter from the Public Pharmacists' and Dispensers' Association on the same subject. A resolution was proposed, and carried unanimously, expressing full agreement with the latter body that the Pharmaceutical Society should not comply with the request of the holders of the Apothecaries' certificate that they should be admitted without examination to the Register of Chemists and Druggists. A letter was read from Mr. W. J. Uglow Woolcock, acknowledging the subscriptions sent towards the Belgian Pharmacists' Relief Fund. The President called attention to the smoking-concert which is to be held on March 1 in aid of the Benevolent Fund, also to the meeting which will be held in March to be addressed by Mr. Tate, President of the Pharmaceutical Society of Ireland. The following new members were elected: Miss C. M. Robbie, Messrs. J. J. Clarke, Davies, Fletcher, Owain-Jones, Murray, Rutter, A. G. Smith, R. W. Smith, Wimpenny, and J. Wright. The President, in calling upon Sir R. A. Robinson—who is an honorary member of the Association—said he hoped that Sir Richard would be sent to the House of Commons before long to represent pharmacy, along with Mr. Glyn-Jones. The subject of the address by Sir R. A. Robinson was *Pharmacy in the Future*. He began by referring to the statement of Mr. W. P. Evans, the President, that one of the things he would aim at during his year of office would be to endeavour to get chemists to know each other better than heretofore. He said that wholesalers in Liverpool are on exceedingly friendly terms. They come in contact and rub shoulders with one another. There is no jealousy nor anything of that sort. "Retail pharmacists," said Sir Richard, "ought to be in the same happy state." Why are the wholesalers on the best of terms? Because they all do well in business, and get a good profit. (Laughter.) There was no reason why the same thing should not be true of retail chemists. Sir Richard, proceeding, said he wished to impress on pharmacists that their first duty is towards the Empire—loyal citizens first—and if they fulfilled their duties faithfully in that direction their other aim, the advancement of pharmacy, would follow. When peace came it would be their duty to take stock and be ready to take their place in the new era which is to follow. Mr. Walter Long, the President of the Local Government Board, said recently that war is a great leveller, that wealth is no longer a proof of superiority, and that it is the duty of all citizens to draw closer together. After all the great wars there have always been important reforms in various directions. The watchword after the Crimean war was education, and the principal efforts of the citizens were directed into this channel. He (Sir Richard) believed that the emphasis in the future would be on "personal efficiency of the individual, coupled with thorough organisation." After this upheaval it would be no use referring to the past; it would be idle to refer to what their fathers and accomplished. The new conditions would be enti different, and a fresh start would have to be made. A week or two back it was his privilege to preside one of the most representative meetings that was held, called to consider trade and employment, although so many distinguished people were present, was very sorry to find that the Pharmaceutical Society not represented. The first object of the Pharmaceut Society was the advancement of chemistry and pharm and then came the protection of the chemist and drugg both of them worthy objects. Education is very import Never were skilled men more necessary than at pres The future would see a much closer relation betw chemistry and commerce. Expert knowledge will dem a higher valuation in the future than has been the c in the past. The pharmacist must put the proper va on himself. "If you value yourselves cheaply," said Richard, "you cannot expect the public to put a gre valuation upon you." Pharmacy is a profession, ought to be on the same level as the other professio The standard of conduct ought to be the same. A barris would be disqualified if he sold his services to an qualified person or persons. It would be regarded as famous conduct. The same is true of a medical man, pharmacists must not sell their services to the unqualif and expect to be called members of a profession. P tection can be secured in three ways: First, by St control. This is in vogue in Germany and in Fran Pharmacists in these countries are important men, a in virtue of State control they get an assured position business. Secondly, by more stringent regulations. had during recent years had conversations with seve Cabinet Ministers on this subject, and what they all s is that we chemists do not make the most of the pow we already have in our possession. Thirdly—and this the most effectual protection—the individual himself. are now in the throes of a great war, and facing an scrupulous enemy. Something of a similar character to be found in pharmacy. Certain people were exploiti pharmacy for their own benefit. Directors of these stores admit there is not much money made by it. W did they exploit it, then? Because it is a good cat word. It serves the purpose admirably in that way. T kind of thing could not happen if chemists refused sell themselves to companies. He (Sir Richard) was always an enthusiast over the question of whether wom should enter pharmacy, but he recognised the enormo amount of work done by women in various spheres, a he was sure that many would take up pharmacy in t near future. He was quite sure that they would be tru adherents to the cause than men, and that they wou not be guilty of selling their services in the way th some men did. He had hoped that schools and colleg of pharmacy would have done more to foster the feelin of duty between members of the craft, that the conta of one with another during their student days would ha imbued them with principles which would forbid such state of things. There are over 16,700 pharmacists on t Register, and out of this number there are only 655 in t service of companies. He wished it were possible to pe suade these men to come out. He felt sure they are n at all happy in their positions. Sir Richard, proceedin said it would be a good thing if the idea of partnersh found more favour. They would have more leisure, woul be more likely to attract people to their shops, and would be better for all concerned. At the end of h address Sir Richard gave some reminiscences of his earl days. He had been intended for a career as a shipbroke but, owing to the death of the head of the firm in th latter business, he found himself attached to pharmacy Mr. T. Fell Abraham, in moving a vote of thanks t Sir Richard, said he agreed with all that had been said The pharmacist should get adequate remuneration for hi services as a dispenser and seller of drugs. On the othe hand, when dealing with proprietaries, it is not right tha he should demand a greater profit than any other dealer A great deal of mischief to pharmacy has been done i that way, and chemists have played into the hands of th enemy by charging face value for patent medicines. I a reasonable profit had been put on, instead of charging exorbitant prices, companies would not have had the opportunity to exploit the business. Mr. J. Luther Hirst, seconding, said that the carrying into practice of the principles enunciated that night would lead to better thing in pharmacy. Dr. C. Symes, in supporting the resolution, said that Sir Richard had proved that pharmacy, by close application, could be made a profession which would be respected by the public and a source of profit to those who practised it. Mr. Wimpenny, with whose father Sir Richard had been apprenticed, also spoke. At his first Grand National he was under Sir Richard's care.

London (S.W.).—A meeting of the South-West London harmacists' Association was held at Stanley's Restaurant, vender Hill, on February 16, Mr. W. H. Goy (President) the chair. Mr. P. F. Rowsell and Mr. W. Johnson (of e P.A.T.A.) addressed the meeting on "The Proprietary rticles Trade Association." The speakers were given a arty vote of thanks, on the proposition of the President, conded by Mr. Breese. It was further suggested by Mr. eall that the meeting pass a resolution instructing the ouncil at the next meeting on the advisability of appoint- g local secretaries on behalf of the P.A.T.A.; this was conded by Mr. Goy and carried *nem. con.* Mr. Tocher nounced that instructions had been given that cheques set to chemists for N.H.I. work for January 1916. He rther urged all chemists to sign the letter recently eceived regarding the settlement on account of 1914.

London (E.).—A meeting of the East London Pharma- ts' Association was held at Limehouse on February 17, r. A. R. Keith (President) in the chair. The Chairman ported on recent proceedings of the Pharmaceutical Com- ttee, and Mr. G. Hatfield gave a synopsis of the work ne by the Pharmaceutical Services Sub-Committee (of the ondon Insurance Committee). Mr. A. T. Styles was pointed Trade Secretary for the district. Mr. J. Hearle orth London Association) delivered an address on *Trade atters*, and some discussion followed. Mr. C. Goode larged upon the national importance of pushing the sale British-made goods. It was decided to support the ndidature of Mr. C. Goode for the forthcoming Pharma- utical Council election, together with any other candi- tes recommended by the London Organisation Committee, d to contribute towards their election-expenses. Mr. H. inner also addressed the meeting.

Metropolitan.—The Metropolitan and Home Counties ganisation Committee, at a meeting on February 23, re- mmended as candidates for the forthcoming Council elec- n the President of the London County Association (Mr. lmund White), the President and nominee of the Middle- x Association (Mr. Herbert Skinner), and Mr. J. W. akin, J.P., Northwich, a member of the Local Associa- ns Executive. It was reported that these nominations ve been approved by the various Executives concerned—mely, West Ham, Middlesex, and London County.

Newport (Mon.).—The annual meeting of the Newport harmacists' Association was held on February 18, Mr. A. atte in the chair. There were also present six members d Mr. T. J. Badgett, Hon. Secretary. The balance-sheet s presented and was considered satisfactory. Proceeding the election of officers, Mr. A. Gratte was re-elected *esident*, Mr. Benson Harries was elected *Vice-President*, d Mr. Badgett was re-elected *Hon. Secretary. Com- tee*, Messrs. Findlay, Shelley, and Price, with the Presi- nt, Vice-President, and Secretary as *ex-officio* members. me conversation took place with regard to the desirability otherwise of an extra percentage of profit on dressings plied under Insurance drug contracts, but it was resolved to take any action at present. The meeting also decided allow their contract to remain with the Pharmaceutical ciety's Checking Bureau. The opportunity to withdraw m this Bureau came about through a misunderstanding, words "Drug Fund" instead of "drug bills" being ployed in the circular sent to local Societies.

Sheffield.—A meeting of the Sheffield Pharmaceutical d Chemical Society was held on February 23 at the erary and Philosophical Society's Rooms. The President r. H. G. Williams) occupied the chair. Professor C. J. tten, M.D., Sc.D., gave a lecture, entitled "Bird rtraiture at Light-stations." During residence on nd Rock Light-stations, where he was studying bird gration, the lecturer became much interested in the meness of several species which in their natural habitat shy and very difficult of approach. This tameness is part due to fatigue following long migratory flights, d in part to bewilderment on the bird's part in finding lf in such strange surroundings so foreign to its natural bitat of sheltered wood and glade. The attitudes of ny species as they perambulated about on the bare rocks pressed the lecturer greatly, and it occurred to him that otography would prove a valuable asset in this part of research work. He therefore set to work to photograph birds in many attitudes for use as artistic illustrations, y taking for technical purposes a few portraits of the d birds. The great advantages in taking birds in such place are: (*a*) the ease with which they can be photo- phed as compared with difficulties in taking them in cket and other sylvan sites; (*b*) the ease with which ls skulking in rock-fissures, etc., can be dislodged and de to show up; (*c*) the good background formed from natural rock; (*d*) the good light and clear atmosphere. ds photographed on rocks usually showed up their form and figure, an advantage over several pictures taken in woods and amid hedgerows, reeds, sedges, etc., which so often show parts of the bird occluded from view by the foliage or branches. Furthermore, a larger series can be made at Island Rock Light-stations, as there is no need for the photographer to wait in ambush. Indeed, for every one photograph taken on the mainland ten could be taken on an island rock during the period of active migrations. Then, again, many skulking birds almost impossible to photograph in their natural habitat, such, for instance, as the corn-crake or the grasshopper-warbler, could be photographed on certain occasions with a fair measure of success on marine rocks. Many of the photographs taken were shown to the meeting. A vote of thanks was given to the lecturer on the proposition of the President, seconded by Mr. J. T. Appleton. It was decided to send a letter of sympathy to Mr. Newsholme in his illness, the hope being expressed that he may soon be restored to his usual health.

Society of Chemical Industry.—A meeting of the Newcastle Section was held on February 16, Dr. C. C. Carpenter (President of the Society) in the chair. The President announced that the Chairman of the Newcastle Section (Professor H. Louis, M.A., D.Sc.) had been elected to represent the Society on the Problems of Nations Committee. It was, said the President, a sign of the times that the Government are taking scientific men into their confidence to help them in the great crisis the country was now passing through. Professor H. E. Armstrong afterwards delivered a lecture on "The Problems of Coal with Reference to the Complete and Proper Utilisation of our Coal-supplies."

Southport.—A special meeting of the Southport Pharmacists' Association was held at the Y.M.C.A. on February 15, Mr. C. Hare (President) in the chair. There were present eight members and Mr. West (Hon. Secretary). The business which had brought about the meeting was the question of earlier closing and noon closing, which had been raised by the President at the ordinary meeting a week before, the opinion then being expressed that the present is a suitable time for shortening business-hours. At the special meeting there was a prolonged discussion, but the meeting adjourned without any definite decision being arrived at. —At the ordinary meeting referred to, on February 8, the Secretary reported that the efforts of the Pharmaceutical Committee to have the practice of writing "Rep. mist." Insurance prescriptions discontinued had been successful, and the doctors are to discontinue the practice after February 12. The Pharmaceutical Committee had appointed the Pharmaceutical Society to check the Liverpool Bureau's pricing of prescriptions, and had suggested to the Insurance Committee that the grant for this purpose be deducted from the chemists' accounts in proportion to the value of the account when making the payments for December. Mr. S. J. Elliott brought forward the matter of the status of pharmacists under the War Office Order D 7. He stated that in the St. John Ambulance Association the pharmacist ranks as an officer with the commandant, doctor, and secretary, but the effect of the War Office Order has been to reduce the pharmacists to the rank-and-file. A resolution of protest was passed.

Staffs (N.).—A meeting of the North Staffs Chemists' Association was held at Stoke on February 15, Mr. T. Charles (President) in the chair. There were nine other members present. A letter was read from the Pharmaceutical Society urging chemists to discourage as far as possible the sale of articles of foreign manufacture. The Society's letter contained the following:

The attention of the Executive Committee has been drawn to the fact that goods of foreign manufacture are being exhibited and exploited by pharmacists. There are many classes of articles to which this applies; three examples only need be quoted—namely, dentifrices, shaving-soaps, and toilet-soap. The case of shaving-soaps is a typical one, showing how foreign manufacturers have an unfair advantage at the present time over the British manufacturers. It is impossible for British firms to get as good-looking nickel cases and boxes, etc., in Great Britain as their foreign competitors can in their own country, because all our British makers of boxes, etc., are under Government control for purposes of the war, their machines being engaged on munition-work. The same difficulty arises also in connection with dentifrices as to the bottles and collapsible tubes. Supplies of these are difficult to obtain in Great Britain, while the foreign manufacturers are not handicapped in this way. If the public knew of these things they would refuse to buy anything not British, but unfortunately, owing to the use of British addresses on foreign-made goods, people cannot always discriminate between the foreign and the British article. Pharmacists should therefore make it their business to educate the public accordingly, and should give every ounce of endeavour in these serious times to push only British-made and British-owned goods of every description. There is another aspect of this matter which pharmacists should remember. The importation of these goods is having an adverse effect on the rate of exchange with foreign countries, which at the present time is an extremely serious state of affairs, and adds

considerably to the cost of carrying on the war. After the war is over, when this country is feeling more severely the heavy burden of the cost, the advantage of having reduced the importation of foreign-made goods to the lowest possible limits will be enormous. The rate of exchange will turn in our favour, and thus enable us to meet our foreign debts on advantageous terms. I am instructed, therefore, to ask that wherever possible pharmacists should give preference to British and Colonial products over those of enemy or neutral origin.

It was decided to send copies of the letter to every member of the Association and to the local Press. It was also decided to call the attention of the local medical men to the matter. The question of subscribing to the Belgian Pharmaceutical Relief Fund was discussed and a list opened. Mr. Dale reported on the work of the Pharmaceutical Committee during the past year, and mentioned that the bills for dispensing for 1915 were about 400*l.* more than the estimated amount available for payment. Probably the final payment would bring the total up to 93 per cent. A vote of thanks was passed to Mr. Dale on the proposition of the President, who said he thought the payment of 93 per cent. is fairly satisfactory.

Thames Valley.—A meeting of the Thames Valley Pharmacists' Association was held at Kingston-on-Thames on February 23, Mr. C. J. G. Bunker, the President, in the chair. A large amount of correspondence was read, among which was a communication from the Society of Certificated Dispensers, in regard to which it was decided that it is against the interests of pharmacists to give any support to assistants to get on the Register who only held the certificate of the Apothecaries' Hall. Mr. Clement (Hampton Hill) presented a report from the Middlesex Pharmaceutical Committee, answering many questions which were put to him. He said that he had worked out the prescriptions he had dispensed during the month of January of this year, under the old and new Tariff, and he found that there was a difference of 20 per cent. under the new pricing. Mr. Tims (Cobham), the representative on the Surrey Pharmaceutical Committee, wrote that there is a doubt as to whether there will be sufficient money to pay 1915 accounts in full. Mr. W. J. Uglow Woolcock then addressed the meeting on *Pharmaceutical Politics*. He said that pharmacists in general have no idea of the large amount of valuable work which the Council does on their behalf, and he explained at some length the present position under the National Insurance Act, and the position of pharmacists and their assistants under the Military Service Act. In the discussion which followed Messrs. F. Cherry (Walton-on-Thames), A. Higgs, J.P. (Kingston-on-Thames), Bray, Barnett, Palmer, Clement, Orry, Howells, and others took part. Mr. Woolcock received a vote of thanks for his address.

West Ham.—Public dinners are rather at a discount in these times, so that the function arranged by the West Ham, East Ham, and Metropolitan District Association of Pharmacists, on February 17, was somewhat of a novelty and a reminiscence of former days. It took place at the London Tavern, Fenchurch Street, E.C., and there was a good attendance, an excellent dinner, and much oratory. The President of the Association (Mr. J. Kirkpatrick) was supported by the President of the Pharmaceutical Society (Mr. Edmund White), the Mayor of West Ham (Councillor G. H. Fennell), Mr. W. S. Glyn-Jones, M.P., Dr. Challans, Dr. Darlow, Dr. Goodbody, Dr. W. O. Pott, Mr. A. R. Melhuish (President of the Western Pharmacists' Association), Mr. W. Potter, and others. The Chairmen of the spur tables were Messrs. E. N. Lloyd, J. E. Evans, J. H. Matthews, and H. Soper. Among others present were Messrs. A. W. Bromley, Herbert Skinner, C. E. A. Goode, A. Proctor Atkinson (Duncan, Flockhart & Co.), A. R. Arrowsmith (Apollinaris Co.), — Royle (Ingram & Royle, Ltd.), H. Godbold (Price's Patent Candle Co.), and representatives from S. Maw, Son & Sons, Evans Sons Lescher & Webb, Ltd., Sangers, Allen & Hanburys, Ltd., Colgate & Co., Barclay & Sons, Ltd., Ashton & Parsons, Ltd., Bovril, Ltd., Robert Blackie, Virol, Ltd., Fassett & Johnson, Burgoyne, Burbidges & Co., and Potter & Clarke, Ltd. After "The King" had been fervently toasted, the Mayor of West Ham gave "The House of Commons," in which he referred to the Member for Stepney as one who had left pharmacy for the less popular profession of a barrister. In his reply, Mr. Glyn-Jones deprecated the indiscriminate criticism of the House of Commons indulged in by people who seem incapable of taking a broad view of things as they are. He felt confident, he said, that posterity would pass judgment in favour of the action of the present House of Commons in connection with the war. "The Pharmaceutical Society" was proposed by Mr. W. Potter, who, dealing with the Insurance Act, piquantly informed the doctors present that pharmacy might probably be looked upon as the handmaiden of medicine (though he personally did not like the term), but he distinctly objected to its being the scullery-maid of the Commissioners. He referred to recent prosecutions by the Pharmaceutical Society as a proof of the Society's keenness for the safety of the public. Replying, Mr. White confessed that they, as representatives of the Society, had made a bad bargain recently with the Insurance Commissioners. This they did, however, with their eyes open, feeling sure that their action would be endorsed by the members at large when all the circumstances of the case were taken into consideration. It would have been easy, he said, for them to have stuck out for their own terms, and thus have placed the whole Insurance Act in jeopardy, but they were not unpatriotic enough to do so. To the medical men present he would like to say that things would never be right until the doctors and the chemists worked together. Doctors would find that they would be better doctors if they left dispensing alone, and chemists also would be better chemists if they left prescribing alone. "The Medical Profession" was proposed by Mr. H. Mitchell, and Dr. F. Challans replied. Other toasts were "The West Ham, East Ham, and Metropolitan Essex District Association of Pharmacists," proposed by Alderman J. R. Hurry and replied to by the President; and "The Visitors," proposed by Mr. E. Lloyd and replied to by Mr. A. R. Melhuish. As the result of a "whip up" among those present the sum of 7*l.* was collected for the Pharmaceutical Society Benevolent Fund.

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be sent to the Editor by Wednesday of the week before the meetings, etc., occur.

Sunday, February 27.

Pharmacist Volunteer Training Corps, Millbank Schools, Erasmus Street, Westminster, S.W., at 9.45 A.M. Parade for route march and instruction in field ambulance and sanitation.

Tuesday, February 29.

Ealing Pharmacists' Association, Chamber of Commerce, High Street, Ealing, at 9.15 P.M. Mr. C. J. G. Bunker on "The Proprietary Articles Trade Association."

Wednesday, March 1.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting.

Liverpool Chemists' Association and the Birkenhead, Wirral, and Wallasey Pharmacists' Association, Bear's Paw Restaurant, Lord Street, Liverpool, at 7 P.M. Combined smoking-concert. The chair will be taken by Mr. W. P. Evans, President of the Liverpool Association.

Pharmacist Volunteer Training Corps, 17 Bloomsbury Square, London, W.C., at 3 P.M. Practical sanitation tests. The programme will be repeated on Thursday.

Thursday, March 2.

The Chemical Society, Burlington House, Piccadilly, London, W., at 8 P.M. The following papers will be communicated: "The Acid-Gelatine Equilibrium," by Messrs. H. R. Procter and J. A. Wilson; "Chloro- and Bromotriethylphosphinoacetaldehyde," by Mr. W. Caldwell.

North London Pharmacists' Association, St. Padarns, Salterton Road, Seven Sisters Road, Holloway, N., at 3 P.M. Meeting. Trade matters will be discussed.

Great Yarmouth Pharmaceutical Association, 156 King Street, at 8.30 P.M. Monthly meeting.

Friday, March 3.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Professor Silvanus P. Thompson on "The Corona and other Forms of Electric Discharge."

Harrogate Pharmaceutical Association. Scientific evening. Lecture by Dr. G. H. V. Appleby.

North London Pharmacists' Association.—The annual social evening will take place on March 9 at Beale's Restaurant, Holloway Road, N. All profits from the sale of tickets (3*s.* 6*d.* inclusive) will be devoted to the Orphan Fund.

American Aniline Dyes.—The new venture of the Du Pont Powder Co., which is raising a large amount of capital for the purpose of producing aniline dyes on a big scale, and thus permanently replacing German trade, is regarded with particular interest in British textile quarters. There can be little doubt of the ability of the company to add a large output of aniline dyes to its main product. The question to decide will be how far the new source of production can be regarded as an effective substitution for German and Swiss supplies, and if American prices are in satisfactory competition with those now realised by the Swiss monopolists.

Trade Report.

e prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

ıa Cannon Street, E.C., February 24, 6.30 p.m.

HE chemical and drug markets continue quiet so far as merchants and dealers are concerned; in some rters there is a fair export inquiry, but the actual ing of orders has been restricted. Changes in syntic chemicals have been few, and the demand for such tinues poor. There is a pronounced scarcity of aric acid, and on a strong market spot price has anced 2*d.* per lb. Cream of tartar is 2*s.* higher, citric acid is firmer. New Norwegian cod-liver oil es have sensationally advanced, being 20*s.* to 30*s.* barrel higher; stormy weather has hindered the ing. Quinine is quiet and unchanged; milk-sugar is er. Among essential oils, star-anise is firmer, lemon is y quiet, and West Indian lime oil is again held for her rates. Changes in "outside" articles include a ance in cassia lignea, pimento, and turmeric; turpenti is lower, and ammonia sulphate easier. The princi changes have been as under:

Higher	Firmer	Easier
sia lignea	Aloes, Curacao	Ammonia sulphate
amon	Antimony Ch. cr.)	Barbitone
liver oil (Norw.)	Anise oil, star	Soya oil
ose (liquid and solid)	Chamomiles	Turpentine
	Citric acid	
ey	Cream of tartar	
thol	Mint oil (Japan)	
megs	Milk sugar	
ento	Podophyllin resin	
ch powders	(Amer.)	
aric acid	Sandarac	
neric		

Cablegram.

EW YORK, February 23.—Business in drugs is brisk. agena ipecacuanha is 5c. per lb. lower at $3.10. Arnica-ers are dearer at 65c. Balsam tolu is steady at 38c. ian has advanced to 30c. Copaiba balsam is lower 5c., and Peru balsam is steady at $5.25. Opium, ermint oil, and menthol all unchanged.

ETANILIDE is rather firmer at from 7*s.* 3*d.* to 7*s.* 6*d.* lb., both of which prices have been paid. America ts that there is practically nothing available for prompt ery, and many orders remain unfulfilled.

ETIC ACID.—Further sales of glacial in carboys have made at 180*l.* per ton, and 80-per-cent. commercial at 115*l.* to 120*l.* ex wharf.

ETONE can be had at 180*l.* per ton ex wharf London, application to buy or sell must be made to the stry of Munitions of War, 32 Old Queen Street, Westter, S.W. (See p. 54.)

AR-AGAR.—Business has been done in No. 1 Kobe strip . 8*d.* on spot, and to arrive 2*s.* 1*d.* c.i.f. has been paid.

MOND OIL remains firm at from 2*s.* 9*d.* to 2*s.* 10*d.* per r B.P. expressed. Essential bitter almond oil is very e, and about 45*s.* per lb. would have to be paid. Peach ricot-kernel oil is steady at 1*s.* 6*d.* per lb.

OES.—Business is reported in Curaçao description in at 87*s.* 6*d.* per cwt. on the spot for fine livery, and ary at 77*s.* 6*d.*; good hard bright Cape is obtainable s.

MONIA SULPHATE is 2*s.* 6*d.* easier at 16*l.* 10*s* per ton net l at works London for 25-per-cent. ammonia for pt delivery; Hull prompt is 5*s.* lower at 17*l.*; Liverpo is 2*s.* 6*d.* cheaper at 17*l.* 5*s.*; and Leith is also 2*s.* 6*d.* low at 17*l.* 5*s.* per ton, less 3½ per cent. in bags f.o.b.

ANISE OIL (STAR) is rather firmer, the spot value being 3*s.* 4*d.* per lb. for "Red Ship," with sales at thereat and rather buyers. For February-March shipment from 3*s.* 2½*d.* to 3*s.* 3*d.* c.i.f. is quoted.

ARSENIC is rather firmer, and for parcels of 99-per-cent. powder 30*l.* per ton is asked ex wharf.

BALSAM, CANADA, is selling at 4*s.* 3*d.* per lb. on the spot for best.

BARBITONE is now freely obtainable at 57*s.* 6*d.* per lb., and probably at a shade less.

BROMIDES.—A very small business is passing at present prices, and the consumption appears to have been checked. This may be due to an anticipated increase in the American supplies.

CAMPHOR (CRUDE).—A limited quantity is offered at 165*s.*, and flowers at 177*s.* 6*d.* per cwt.

CAMPHOR (REFINED) keeps firm, with Japanese 2½-lb. slabs selling at 1*s.* 7*d.* per lb. c.i.f. for April-May shipment. On the spot slabs are 1*s.* 8½*d.* to 1*s.* 9*d.*; ½ and 1 oz. tablets 2*s.*, which has been paid, and ¼-oz. tablets 2*s.* 3*d.*

CASCARA SAGRADA.—Sales of good bright thin have been made at 52*s.* 6*d.* per cwt. on the spot.

CASSIA LIGNEA is dearer, with sales at 67*s.* 6*d.* to 70*s.* per cwt. on the spot.

CASTOR OIL.—In Liverpool good seconds Calcutta is quoted 8¾*d.* to 9*d.* per lb. ex store, and 8½*d.* quay terms. Hull make of first pressing for July-August delivery (e.m.q.) is quoted at 64*l.*, and September-December at 62*l.* per ton in barrels f.o.r. Hull usual terms. Pharmaceutical quality is 4*l.* per ton over the price of firsts in barrels.

CHAMOMILES.—For fair pale French new crop flowers 140*s.* per cwt. c.i.f. is quoted; on the spot brown offer at 115*s.*, and good at 130*s.* per cwt.

CHIRETTA is offered at 7*d.* per lb. on spot.

CINCHONA.—At the Amsterdam tender on February 24 10,210 packages weighing 868,310 kilos. will be offered, the quinine contents being 48,698 kilos. The average percentage of the bark is 5.87.

CITRIC ACID is firmer at 3*s.* 2*d.* per lb.

CLOVES have been quiet at 7⅜*d.* for fair Zanzibar on the spot; to arrive, sellers of January-March and February-April quote 6⅝*d.* c.i.f.; also March-May delivery at 7⅛*d.*

COCAINE is nominal at 21*s.* per oz less 5 per cent. for hydrochloride.

COD-LIVER OIL.—The stormy weather having interfered with the fishing, which so far has made little progress, Norwegian refiners' prices again show a considerable advance. Business in finest new Lofoten oil for March shipment has been done at 360*s.* per barrel c.i.f., but on Wednesday from 420*s.* to 430*s.* c.i.f. was asked; business is claimed to have been done at 410*s.* to 415*s.* c.i.f. Our Bergen correspondent writes on February 14 that the cod-fishing is still without importance. The market tendency is very firm and dearer, prime non-congealing oil of the new crop being quoted at from 370*s.* to 375*s.* per barrel c.i.f. London. [These prices being by letter are now out of date.—ED.] On the spot much irregularity prevails in regard to prices for 1915 oil, which is offered at from 340*s.* to 390*s.* per barrel ex wharf, according to quality.

COPPER SULPHATE is still quoted at 46*l.* to 47*l.* per ton for the usual Liverpool brands. We understand that the embargo on exports has been raised and permits are being granted more freely.

CREAM OF TARTAR has advanced 2*s.* 6*d.* per cwt. to 192*s.* 6*d.* for 98-per-cent. powder.

EPSOM SALT is offered at about 15*s.* per cwt. for druggists' quality.

GENTIAN.—The recent arrivals which come to a bare market, appear to have been improperly dried, much of the root being in a wet and mouldy condition.

GLUCOSE is dearer at 28*s.* to 28*s.* 3*d.* per cwt., ex wharf London, for liquid, and at 29*s.* to 30*s.* for solid. Pearl starch is 22*s.* 6*d.* and powdered 23*s.* ex wharf London.

HONEY.—At auction to-day (Thursday) an advance of 2*s.* to 3*s.* was paid. 330 packages Jamaica sold, including fair to good palish set, 39*s.* to 45*s.*; medium to good set yellow, 37*s.* to 40*s.*; ordinary, 35*s.* to 37*s.*; and common dark, 28*s.* to 35*s.* Fifteen casks yellow set Cuban sold at 31*s.*, and 71 cases St. Lucia at 41*s.* to 41*s.* 6*d.* for brown liquid and 37*s.* for dark.

HOPS.—If the restriction of imports should apply to hops (a very bulky article) the price of English would probably be advanced considerably. Our imports are chiefly obtained from California; they amounted last year to 200,337 cwt., valued at 798,512*l.*, and have averaged over 194,500 cwt. annually for the past five years. The U.S.A. has an

import-duty of 7*s.* 4*d.* per cwt. on hops, and the revenue obtained was about 720,000*l.* in 1914.

Hydroquinone can be bought at 35*s.* per lb., and with an increased English production later should be available at less.

Ipecacuanha.—The arrivals comprise 20 bags from New York to London and 38 bales from Buenos Ayres to Liverpool. Rio is quoted 21*s.* and Cartagena 14*s.*

Jalap.—Prices vary at from 7¾*d.* for 7½-per-cent. to 1*s.* 6*d.* per lb. for 18-per-cent. on the spot.

Lemon Oil remains extremely dull at from 3*s.* 6*d.* to 3*s.* 9*d.* per lb. on the spot, and at 3*s.* 4*d.* c.i.f.

Lime Oil.—Both the hand-pressed and the distilled West Indian are held at 8*s.* 6*d.* per lb.; business has been done at 8*s.*

Menthol is dearer at 13*s.* 6*d.* per lb. spot for Kobayashi-Suzuki, and to arrive, January-February shipment (also afloat), has been sold at 12*s.* 4½*d.* per lb. c.i.f. A good business has been done this week. Combined with oil 16*s.* 4½*d.* c.i.f. has been paid for February-March shipment.

Milk-sugar is rather firmer at from 76*s.* to 77*s.* per cwt. for prompt delivery.

Mint Oil.—Japanese dementholised is now 4*s.* 6*d.* on the spot for the leading brands, and 4*s.* 3*d.* c.i.f. has been paid.

Mustard Oil.—Genuine is offered at 65*s.* and artificial at 60*s.* per lb. for prompt delivery.

Oils (Fixed).—*Linseed* is 3*d.* dearer at 44*s.* 6*d.* in pipes and 45*s.* 6*d.* in barrels on the spot. *Cottonseed* is unchanged at 42*s.* 6*d.* for crude in pipes on spot, 47*s.* 6*d.* for refined in pipes, and at from 51*s.* to 52*s.* for sweet refined in barrels. Ceylon *Coconut* is unchanged at 57*s.* 6*d.* for pipes and 59*s.* 6*d.* in hogsheads, both on spot; Cochin is 59*s.* 6*d.* to 61*s.* 6*d.* on spot, and London pressed is 49*s.* Ordinary brown crude *Rape* is scarce and nominal at 52*s.*; British refined in barrels is 54*s.* to 56*s.*; Japan in cases is 47*s.* 6*d.* c.i.f. afloat. *Soya* oil is easier at 37*s.* 6*d.* for Manchurian in cases in London. Hull (spot) extracted is firm at 41*s.*, and crushed 41*s.* 6*d.*; Lagos *Palm* is unchanged at 46*s.* spot, and in Liverpool 41*s.* 6*d.* to 42*s.* for February-March. Chinese *Wood* on the spot is about 48*s.* per cwt.

Orange-peel.—New crop Tripoli strip is now landing, and the market is still firm at 1*s.* 9*d.* for bright thin cut.

Otto of Rose.—Some further lots ex the naval prize sale have been disposed of at the auction limit, 35*s.* per English oz.

Oxalic Acid is offered at 1*s.* 4*d.* per lb. delivered London, and the prospects are for freer offers.

Phenazone is in very fair demand, the value being about 70*s.* per lb.

Pimento is dearer, the spot price for small lots being 3⅝*d.* per lb.; for February-March shipment business has been done at 29*s.* per cwt. c.i.f.

Podophyllin Resin. In one quarter American has been advanced by cable to 13*s.* per lb.

Quicksilver is steady at 16*l.* 12*s.* 6*d.* to 16*l.* 15*s.* per bottle.

Quinine has had a quiet week on the whole so far as regards the second-hand market, the quotations for the usual brands of sulphate being from 3*s.* 10*d.* to 4*s.* per oz.

Quinine Hydrochloride is in fair demand, the value being about 4*s.* 6*d.* per oz.

Salicylates.—The production of both acid and soda in England is increasing and the quality is improving; it is anticipated that before long this competition will make itself keenly felt with an inevitable reaction in the prices of American. The value of good quality acid and soda is about 20*s.* to 20*s.* 6*d.* per lb., and technical qualities much less. Buyers would do well to restrict their purchases to hand-to-mouth lots and certainly not buy forward.

Shellac.—Steady with a fair spot demand, the usual standard TN Orange quality selling on a basis of 90*s.* to 91*s.*, good 92*s.* to 93*s.*, and fine 100*s.* to 102*s.* 6*d.*; also fine Orange 110*s.* to 120*s.*, AC Garnet 85*s.*, and G.A.L. 82*s.* Futures are dearer, the sales including March 90*s.* to 91*s.*, May 91*s.* 6*d.* to 93*s.*, and August 94*s.* to 93*s.* 6*d.*

Tartaric Acid is strong and dearer by 2*d.* per lb. at 2*s.* 9*d* for prompt delivery, and difficult to buy.

Tonka-beans.—On the spot good frosted Para are selling at 1*s.* 6*d.*, and for frosted Angosturas of good quality 3*s.* 9*d.* to 4*s.* is wanted.

Turmeric is dearer, the value of Madras finger being from 40*s.* to 42*s.* 6*d.* per cwt., and for fine 45*s.* is asked. Cochin split bulbs 21*s.* to 22*s.* 6*d.*, and Bengal finger 32*s.* 6*d.* to 35*s.* on the spot.

Turpentine has declined by 6*d.* per cwt. to 47*s.* 3*d.* for American on the spot.

Valerian.—We notice the arrival of 100 bags *viâ* Rotterdam.

Wax, Japanese.—Good squares on the spot are quoted at from 60*s.* to 62*s.* 6*d.* per cwt. Sales for March-April shipment have been made at 59*s.* 6*d.* c.i.f.

Arrivals of Chemicals, Drugs, etc.

During the period February 16 to 22, inclusive, the following produce has arrived at the English ports stated. Goods in transit are not included. The figures denote packages where not specifically described:

To London.

Acetanilide (N.Y.) brls. 19
Acetic acid (U.S.A.) brls. 10, (R'dam) blns. 21
Aconite-root (Japan) bls. 25
Albumen (S'ghai) cs. 163, (Hankow) 152, (Tientsin) cs. 206
Alcohol, wood (U.S.A.) dms. 213
Almond oil (M'seilles) cs. 52, ck. 1
Aloes (Cape) cs. 189, (N.Y.) cs. 50
Anise oil, star (H.-Kong) cs. 135
Apricot-kern. (R'dam) 345, (Osaka) 45
Arachis oil (R'dam) 510
Barytes (Philadel.) bgs. 334, (Genoa) 80
Calcium carbide (Go'burg) dms. 1,700
Calcium ferro cyanide (Genoa) cks. 39
Calcium sulphate (Paris) bgs. 200
Camphor ref. (Japan) cs. 45
Cantharides (H.-Kong) cs. 20
Capsicums (Beira) 11
Caraway-seed (Holland) bgs. 175
Carbon black (N. News) cs. 300
Cardamoms (Ceylon) cs. 63
Carmine (Paris) cs. 5
Cascara sagrada (Philadel.) sks. 705
Casein (France) bgs. 864
Cassia (H.-Kong) cs. 1,750
Cassia oil (H.-Kong) cs. 20
Castor oil (Cocanada) cks. 273
Chemicals and drugs (Paris) pkgs. 92, (Dieppe) pkgs. 56, (Boulogne) pkgs. 29, (N.Y.) pkgs. 107
Chillies (Mombasa) 32
Cinnamon (Ceylon) 577
Citric acid (Palermo) cks. 320
Citronella oil (Java) pkgs. 20
Cloves (Natal, etc.) bls. 4,997, (Penang) cs. 20, (Zanzibar) 4,949
Coconut oil (R'dam) cks. 110, (Ceylon) cks. 253
Copra (Auckland) 522, (S'pore) 5,901, (Ceylon) 1,969
Corrosive sublim. (Genoa) cs. 20
Cream of tartar (Genoa, etc.) brls. 20, (Palermo) cks. 10
Cyanamide (Odda) bgs. 3,900
Drugs (Melbourne) dms. 35
Egg-yolk (China) brls. 177, cks. 150; powder cs. 71
Eucalypt. oil (M'bourne) cs. 41
Essent. oils (H.-Kong) cs. 90, (M'seilles) cs. 72
Fig syrup (Philadel.) cs. 3,300
Formic acid (R'dam) djhns. 72
Galls (S'ghai, etc.) cs. 200
Gelatine (St. Nazaire, etc.) cs. 44
Glucose (N.Y.) brls. 1,080
Gum acacia (P. Sudan) 225
Gum copal (S'pore) bkts. 410, (L. Marques) 181
Gum damar (S'pore) bgs. 66, cs. 200
Gum kauri (Auckland) 1,156
Herbs (Japan) bls. 10
Hexamine (N.Y.) dms. 21, brls. 13
Indigo (Madras, etc.) cs. 675, (H.-Kong) cks. 12
Kola (Java) bgs. 43, (A'dam) 118
Lanoline anhyd. (M'bourne) cs. 10
Lemon oil (Palermo) 25
Lime-juice (B'deaux) cks. 7
Lime oil (B'deaux) cks. 2
Linseed (C'cutta) bgs. 2,717
Lithopone (Holland) 551
Magnesite (Madras) 618
Manna (Palermo) cs. 5
Menthol and oil (Japan) cs 90
Milk-powder (R'dam) cs. 4
Milk-sugar (A'dam) cs. 50
Mint oil (Japan) cs. 50
Nux vomica (Cocanada) (Madras) 413
Oils, fixed: Cod (Japan) cs. 1; fish (Japan) cs. 1,000; groundnut (China) dms. 435; il (M'seilles) cks. 250; r (Japan) cs. 13,500, (Chi 818; seed (M'seilles) (China) 218; shark (Kobe) 500; soya (S'ghai) cks. 7; sperm (Natal, etc.) dms. 7; soya-bean (Kobe) cs. 1,000
Olive oil (Genoa, etc.) brls. (Seville) brls. 143, (M'seill cks. 47, cs. 15
Opium (Bombay) chts. 100, (Kong) chts. 14
Orange-peel (Genoa) cs. 16
Pepper (S'pore) 3,111
Pepper, black (Batavia) b 1,500
Perfumery (Paris, etc.) cs. (A'dam) cs. 13
Potash iodide (Japan) cs. 1
Potash muriate (Guernsey) b 16
Potash, undescribed (Swed cs. 13
Quinine (R'dam) cs. (A'dam) cs. 54
Rhubarb (S'ghai) cs. 31
Roots, barks, leaves, e (M'seilles) bls. 204, (N.Y bls. 41
Rose-water (M'seilles) cs.
Sandalwood oil (Japan) cs.
Seeds: Rape (Yokohama) 5 Sesame (China) 5,600
Senna (P. Sudan) pkgs. 148
Soda caustic (Sweden) cs. 5
Soda nitrate (Chile) b 32,319, (Brevig) 6,669
Sodium metal (Genoa, etc.) 100
Soy (H.-Kong) cks. 300
Sulphur (Palermo) pkgs. 3,59
Tartar (Naples) cks. 16
Tartaric acid (M'seilles) c 110
Valonea (Italy) 2,856
Vanilla (Auckland, N.Z.) cs. 2
Wax, bees' (St. Nazaire) cs. 2 (H.-Kong) cs. 18, (M'seille bgs. 178, (L. Marques) pk 466, (Beira) 393
Wax, veget. (Kobe) 150
Witch-hazel ext. (N.Y.) brls.

To Liverpool.

Ammon. anhyd. (Ba'more) c 350
Aniline colours (M'seilles) c 16
Aniline oil (N.Y.) dms. 29
Antimony ore (Halifax) brls. 2
Arachis oil (M'seilles) cks. 88
Barytes (Halifax) pkgs. 2,114
Calcium chloride (N.Y.) dm 292
Castor-seed (Mozambique) 200
Chrome ore (Beira) tons 1,00
Cloves (Zanzibar) 1,350
Coconut oil (R'dam) pkgs. 42
Cod oil (St. John's, N.F.) c 323
Cream of tartar (Portugal) c 10, (Spain) cks. 20
Drugs (St. John, N.B.) cs. 2 (Boston) cs. 78
Essent. oils (M'seilles) cs. 7
Farina (N.Y.) 100
Glycerin (Portugal) dms. 20
Gum acacia (P. Sudan) bg 3,167, (B'bay) 286
Lime-juice (N.Y.) pps. 200
Linseed (B'bay) hgs. 2,464
Milk-powder (Halifax) pkg 400, (N.Y.) dms. 243
Molasses (Macoris) tons 806
Mustard-seed (B'bay) 124

Olive oil (M'seilles) cs. 750
Orchella-weed (Lisbon) 290
Palm-kernels (W.C. Africa) tons 122, bgs. 44,738
Palm oil (W.C. Africa) cks. 1,988
Pepper (W.C. Africa) bgs. 86
Potashes (St. John, N.B.) 7
Rosin (U.S.A.) brls. 11,251
Soda caustic (N.Y) dms. 308
Soda nitrate (Chile) bgs. 27,750, tons 4,100
Soda perborate (N.Y.) brls. 40
Soya-beans (China) bgs. 1,240
Soya-bean oil (Vladivostok) cs. 6,000
Tartaric acid (M'seilles) cks. 100
Turpentine (U.S.A.) brls. 1,000
Wax, bees' (Beira) 13, (P. Sudan) pkgs. 127, (R'dam) cs. 35
Wax, carnauba (Pernambuco) bgs. 753
Whale oil (So. Georgia) brls. 9,500, tons 1,462

To Manchester.

Arachis oil (R'dam) cks. 60, dms. 2
Calcium phosphate (Boston) brls. 85
Farina (R'dam) 1,250
Soda perborate (Havre) cks. 20
Zinc oxide (R'dam) cks. 30

To Hull.

Antimony ore (N.Y.) bgs. 2,272
Calcium carbide (Norway) dms. 950
Chemical products (Drontheim) cs. 250
Cod-liver oil (Aalesund) 20
Cottonseed (A'dria) tons 5,095
Essential oils (Messina) pkgs. 22; *lemon oil* (Messina) cs. 14, (Catania) ½ cs. 28, (A'dam) pkgs. 23
Formic acid (R'dam) pkgs. 72
Glucose (N.Y.) 500
Glycerin (Holland) dms. 186
Lactic acid (R'dam) cks. 25
Linseed (B. Ayres) bgs. 104,475
Liquorice-juice (Catania) cs. 85
Lithopone (R'dam) 219
Maize starch (R'dam) cs. 300
Molasses (Abu) tons 67
Sulphur (Catania) bgs. 3,795, cks. 67
Zinc oxide (R'dam) brls. 500

To Folkestone.—Drugs (France) pkgs. 11; perfumery (France) pkgs. 16. *To Grimsby.*—Chemical prod. (France) cks. 63; dyes (France) brls. 470. *To Runcorn.*—Soda nitrate (Chile) tons 5,273.

Heavy Chemicals.

Manchester, February 22.

The general position during the past month has been one of great firmness, with generally advancing prices, no doubt induced by restricted supplies. Prices of bleaching-powder are nominally 15*l.* 10*s.* to 16*l.* per ton for softwood casks, on rails, but when prompt delivery is required, as stated last week, much higher prices are required. Ordinary quotations for caustic soda are 18*l.* 15*s.* to 19*l.* 15*s.* per ton for 76 to 77 per cent., 18*l.* 10*s.* to 19*l.* for 70 to 72 per cent., and 17*l.* to 18*l.* for 70 to 72 per cent., on rails, at works. Saltcake does not show any particular change on the month at 60*s.* to 65*s.* per ton. Ammonia alkali has been in limited supply at 4*l.* 15*s.* to 5*l.* 15*s.* per ton, in bags, on rails. White powdered arsenic closes steady and in sellers' favour. Chromate of soda, which opened at the beginning of February at 8¼*d.* per lb., closes at 9¾*d.*, and chlorate of potash at 1*s.* 6½*d.* to 1*s.* 7*d.* is now 2*s.* Yellow prussiate of potash is 3*d.* per lb. higher at 3*s.*, and caustic potash 20*l.* per ton higher at 350*l.* Permanganate has shown a steady advance during the month at 7*s.* to 7*s.* 6*d.* per lb., or about 1*s.* per lb. higher. Lead-products have been extremely scarce, white acetate being quoted 72*l.* to 82*l.*, and nitrate 20*l.* per ton. Sulphate of copper has not advanced in consonance with the raw metal, although it is quoted about 20*s.* per ton higher at 47*l.* 7*s.* 6*d.* to 47*l.* 12*s.* 6*d.* per ton, delivered Manchester. Cream of tartar is about 5*s.* per cwt. higher at 190*s.* for 98-per-cent. Sulphate of ammonia is lower on the month at 16*l.* 12*s.* 6*d.* to 16*l.* 17*s.* 6*d.* per ton, on rails, Manchester.

American Drug and Chemical Markets.

New York, January 31.

The acute scarcity of many of the leading chemicals has brought about fresh upward revisions, and many of the full demands of the market cannot be met. Prices are abnormal, and vary from day to day. There is to-day no "market" in the customary sense of the word, and prices are purely nominal and without obligation to anyone.

Acetphenetidine is dearer at $22.00.

Antipyrin is held at $50.00 per lb.

Arnica-flowers are steady at 35c. to 40c.

Arsenic.—White powdered has advanced to 5½c. per lb.

Belladonna-leaves continue very strong at $1.30 to $1.40 per lb., and higher prices are indicated.

Buckthorn-bark is in small supply, and the market is firm at 75c. per lb.

Buchu is easier at $1.20.

Caffeine is very scarce at $11.50.

Carbolic Acid is lower at $1.25 and $1.30 for drums and $1.35 and $1.40 for cans.

Cascara Sagrada is strong at 7c. to 10c. per lb.

Chloral Hydrate is in good supply.

Copaiba.—Genuine South American is moving quietly at 50c. to 55c. per lb.

Coumarin is firmer at $8.00 per lb.

Epsom Salt is offered at from 3½c. to 3¾c. per lb.

Glycerin.—Refiners are expecting higher prices; market at the moment is dull at 52½c. per lb. in drums.

Lycopodium is firm at $1.75.

Menthol is dearer at $3.10 to $3.25 per lb.

Methyl Salicylate is plentiful at $3.00 to $3.25.

Milk-sugar is in good demand at 14c.

Potash Permang. is selling well at $1.75.

Quicksilver is scarce on the spot, and the market was strong at $275.00 to $300.00 per flask. A decided advance has taken place in mercurials—from 50c. to 60c. per lb. on the hard and 28c. on the soft. The new price for calomel is $2.73 per lb.

Quinine is very quiet. Manufacturers price is unchanged, and the market remains steady at 75c. to $1.00 per oz. Second-hands are still holding at very high prices.

Resorcin is very scarce and almost unobtainable.

Saccharin.—Arrivals from abroad are good, but are quickly taken up; prices are firm at $11.25 to $12.00.

Soda Bromide.—There are buyers at $3.50.

Vanillin is firm at 57c. to 58c.

Continental Drug and Chemical Markets.

Balsams.—*Peru* is firm and active at from m.26 to m.28. *Tolu* is m.7 to m.7.50 per kilo.

Borax and Boric Acid are higher, makers asking from m.250 to m.260 for borax and from m.300 to m.320 for boric acid.

Carragheen Moss has been imported in small quantities *viâ* neutral countries until now, but the importation has come to a standstill, and the inland stocks are almost cleared, as the demand has been active.

Cascara Sagrada is firm and unchanged at from m.240 to m.250 for good old.

Cassia-bark is extremely scarce, and prices are advancing steadily at from m.345 to m.350 for selected in bundles, and from m.360 to m.365 for "extra" selected.

Citric Acid is easier, with larger quantities offered, at m.15 for prompt, and February is m.14.

Damar.—In consequence of increased demand, prices have considerably advanced. Padang is quoted at from m.350 to m.360, and Batavia at from m.400 to m.420.

Dextrin.—White and yellow are almost unobtainable, as makers' stocks are cleared, and new imports of raw material have not been received by the "Trockenkartoffel Verwertungsgesellschaft" in Berlin. Prices have advanced to from m.75 to m.80 per 100 kilos.

Elemi.—The demand has somewhat decreased on account of the high prices asked; soft white, m.250 per 100 kilos.

Ignatius' Beans are firm at m.200 per 100 kilos.

Lead Preps. have again been advanced by m.5 per 100 kilos. by makers. Red-lead is m.103.

Oils (Essential).—For *Star-anise* m.18 is asked, but the price is expected to advance. *Cassia* is quoted at from m.11 to m.12, according to c.a. content. *Clove* is quoted at m.20. *Eucalyptus*, globulus, is still to be had at m.5.50. Ceylon *Lemongrass* is firmer, at m.7. *Menthol* is still quoted at m.48 in Hamburg market, though foreign neutral countries are higher. Japanese *Mint oil* remains firm at m.24. The prices of American peppermint oil are so high that only very small quantities are sold. Paraguayan *Petitgrain oil* is not obtainable under m.38. Siberian *Pineneedle oil* is still to be had at m.4.60.

Opium and Alkaloids are quoted at high prices, which do not appear to be firm, as sufficient can be had from producing countries. Opium is quoted at from m.50 to m.60 per kilo., codeine and its salts at m.75, and morphine at m.50.

Quicksilver is firm; it is still obtainable in large and small quantities, and is regularly sold at from m.270 to m.275 per bottle. The German cinnabar firms advanced the cinnabar prices on January 3 to m.9.50 per kilo. when 12.50 kilos. or more is purchased and m.9.80 for less.

Radium.—The Allgemeine Radiogen A.G. in Berlin closed its financial year on September 30 with a loss of m.180,907.

French Glycerin.

The glycerin-industry in the Consular district of Nantes, according to the U.S. Consul, Mr. C. Carrigan, is principally in the hands of three concerns. The largest of these manufactures annually some 800,000 lb. of a glycerin known in France as "de lessive," which is obtained by a process of superheated steam. The same concern makes every year over 250,000 lb. of ordinary glycerin, obtained in the process of manufacturing soap. The annual production of the other concerns together amounts to about 110,000 lb. of the first and 330,000 lb. of the second. Glycerin exports to the United States were valued in 1914 at 12,224*l.* This represents but a small fraction of the total output of this district. Custom-house figures for 1914 show that 699,746 lb. of glycerin was shipped from Nantes to the United States in 1914, while only 344,156 lb. was shipped to Great Britain. In many cases purchases are made at Nantes by British firms for delivery in America. The great bulk of the export-trade is taken up by British buyers, who make important shipments direct from Nantes to the United States.

Trade Notes.

Some Chemicals at present difficult to obtain are being offered by Mr. Hartley Florey, 54 Lower Thames Street, London, E.C. See his advertisement in this issue.

"Sanitas" Bottles.—The Sanitas Co., Ltd., Limehouse, London, E., offer in their advertisement in this issue to credit empty "Sanitas" bottles at 1s. per doz.

"Pals" Cooker.—An illustration of the "Pals" cooker to which we referred last week, and other particulars, will be found in the advertisement in this issue of Matthias Jackson & Sons.

Essonaline is a crystalline brilliantine put on the market by the Essona Perfumery Co., Essona Works, Garfield Road, Wimbledon. An order form is given in the company's advertisement.

"La Reine Elisabeth" toilet-goods is one of the lines sold by the Anglo-French Perfumery Co., 69 Hatton Garden, London, E.C. The outer packages are decorated with the Belgian colours.

"Vevax" Toilet Specialities.—Mr. R. J. Reuter, 69 Carter Lane, London, E.C., gives in his advertisement illustrations and prices of the "Vevax" series of toilet specialities which he manufactures.

Vinolia Preparations.—Two new lines are Vinolia bath crystals and Vinolia pine wafers. The last-named is a hair shampoo with a pine odour. The Vinolia Co.'s advertisement gives particulars.

Ovaltine Window-display.—A definite offer of Ovaltine is made for a fourteen-day window-display of that tonic food-beverage. For particulars see the advertisement of A. Wander, Ltd., 45 Cowcross Street, London, E.C.

Bismuthated-magnesia Lozenges are neatly packed in tins to retail at 6*d.* by Thomas Guest & Co., Ltd., Ancoats, Manchester. The lozenges are stamped "B.M." and are pleasantly flavoured. Details are given in the company's advertisement.

Glossolar Gold Paint.—J. Davies & Co., 43 Basinghall Street, London, E.C., announce that they are exhibiting their specialities at the London Fair Market to be held at the Agricultural Hall, Islington, N., from March 14 to 24, and that they will be pleased to send tickets of admission to the Fair to any of our readers.

Allen's Digitalis-leaves.—The method of selecting and packing Allen's digitalis-leaves is mentioned in the advertisement in this issue of Stafford Allen & Sons, Ltd., Cowper Street, Finsbury, London, E.C. The 1-lb. sealed tins are an ideal package for these leaves, the reputation of which is so well established, not only in this country but abroad.

Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C., have some fine examples of their show-stand work at the British Industries Fair, which is now being held at the Victoria and Albert Museum, South Kensington, S.W. The show-stands, which are of mahogany, have been designed and erected by Messrs. Josephs, and can be seen at the exhibits of William Johnson & Sons (Stand No. F 5) and Birdsall & Son (Stand No. F 7), both of whom are exhibiting leather goods.

"Perfumery and Essential Oil Record."—The February issue of this publication deals with the systematisation of bay-oil distillation in the West Indies. An article refers to the lack of co-operation between science and industry in the United Kingdom in respect to essential oils and synthetic perfumes. The disastrous floods in Holland are likely to affect the price of caraway oil, as some of the caraway farms have suffered. The distillation of sandalwood oil is to be undertaken on a commercial scale in India.

Linsasha Puff.—The Peace Pillow Co., 17 Manchester Avenue, Aldersgate Street, London, E.C., send us a sample of the "Linsasha" puff and face-leather, which is used by ladies for applying powder to the face and also by gentlemen after shaving. The "Linsasha" puff measures 2½ in. by 2½ in., and opens like a book, and has two leaves of wash-leather. The cover portion is filled with face-powder. Showcards, to which one of the puffs can be affixed, are supplied for exhibition-purposes.

Pasteur-Chamberland Filters.—The British Pasteur-Chamberland Filter Co., 5 White Street, Finsbury, London, E.C., send us a new list of the special filters which they manufacture. There is included a new form of the filter in which no indiarubber connections are employed. This pattern, "M. 234," is a non-pressure filter and employs washers and thumb-nuts to connect the metal collector and filtering-candles. The company also issue a pamphlet entitled "The Purification of Drinking-water," which emphasises the importance of preventing typhoid by supplying pure drinking-water.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Shall we Boycott Neutral Goods?

Sir,—I see that an attempt is being made to arouse feeling of hostility to goods of neutral, as well as of enemy origin, and that we chemists are to be asked to boycott articles of merchandise that are at present popular with the public. I suppose no one thinks it is right to deal in German or Austrian preparations, while we are equally unanimous in accepting goods of French or Japanese origin. For the rest the world is practically divided into two groups—namely, the British Empire on the one hand, and Switzerland, Scandinavia, Holland, and America on the other. Comparatively few pharmaceutical specialities come from the three first-named neutral nations, and therefore any attack that is to be made on neutrals must resolve itself into a boycott of American-made goods. The reason advanced for this—namely, that the importation of goods from foreign countries has an adverse effect on the rate of exchange, which adds considerably to the cost of carrying on the war—is not without weight, and every patriotic man or woman ought to give it careful thought. If A.'s soap, B.'s tooth-paste, and C.'s shaving-stick are made in America then every shillingsworth of these goods that our customers buy means the loss at present exchange values of some 2½ per cent. of their value to the British nation. We can ill afford to add to our huge war expenses a trading expense which might be avoided by our buying, even at some inconvenience to ourselves, goods of a similar character made in this country. But let us be quite sure, in carrying out this boycott, that we are not doing serious injustice to the manufacturers of some of the above-mentioned goods which are actually made in this country. It is essential in such a serious matter as this, which might conceivably affect the livelihood of some thousands of English men and women, that the most scrupulous fairness be shown. So far as I have seen, there has been no attempt to indicate what particular goods are to be placed under a ban, and before any pharmacist begins to carry out the proposed boycott he ought seriously to ask himself whether he is justified by the facts in boycotting any given line. There should be no difficulty in getting at the facts in every case, and if this be done I am quite sure that our sense of honour will prevent any unjust or unwise step being taken. I appeal to my fellow pharmacists to consider this matter carefully, and to make sure that in attempting to organise a boycott they are not doing their best to destroy purely British industries.

Yours faithfully,

M. P. S. (91/34.)

Uses of Nitre Cake.

Sir,—Nitre cake, which is now being produced in enormous quantities, and can be obtained at 15*s.* a ton, is sodium hydrogen sulphate, and contains the equivalent of 40 per cent. of sulphuric acid, but usually has an acidity equal to 15 to 30 per cent. of sulphuric acid. Uses are required for it, and many suggestions have been made, some of which have been referred to in the *C. & D.* It is deliquescent, and is not suitable as a fertiliser. The old-time method of dealing with it was by neutralising the solution with lime, filtering, evaporating, and crystallising. In this way fairly pure Glauber's salt is obtained. Its conversion into sodium alum has been suggested, but the use of this substance is limited. What is wanted is a wider outlet, preferably one by which, in conjunction with some hitherto waste product, the chemical can be converted into an article of constant demand. Heated with sodium chloride, nitre cakes produces hydrochloric acid and normal sodium sulphate. With carbon it evolves sulphur dioxide, which could be caught in distilled water for the production of acidum sulphurosum, much used as a deodoriser, disinfectant, and bleacher. Sulphurous acid has also a large sale with brewers for sweetening casks known as "stinkers," and in the carpet-industry for bleaching wool. Heated with alcohol, nitre cake gives ethylene. The best way of operating is to drop the alcohol through a funnel-tube on to molten nitre cake, contained in a strong round bottomed flask fitted with a side tube.—Yours faithfully,

Abel Scholar.

Wholesale Druggists' Lists.

Sir,—Your well-informed correspondent "Xrayser II." has, in his "Observations and Reflections" of your current issue, made the discovery that "on an average the prices in the Tariff are about 5 per cent. lower than the prices in a typical drug-list." Later on he writes: "I think that, considering the expense of carriage, etc., Tariff prices should have been 5 per cent. higher than lists, not 5 per cent. lower." I pointed out this obvious anomaly in a letter to The Chemist and Druggist of December 18 (p. 62). In the following issue, December 25 (p. 51), this was dealt with in a note headed "The Drug-Tariff Cost Prices." The point at issue is this: Wholesale druggists' lists mainly fall into one of two categories:

(*a*) Those lists the terms of which are net quarterly.

(*b*) Those lists which are subject to 5 per cent. discount for quarterly accounts.

Allowing for the discount, both classes are much about on the same level. Now the people who framed the Drug Tariff agreed upon the principle of starting with the net cost to the chemist, and putting the remuneration in the form of a dispensing-fee. So far so good, but where they have made their mistake is in considering the net price of drugs charged by the wholesale druggist as being the true net cost to the chemist. The chemist has many expenses, small in themselves but of importance in the aggregate, incidental to his cost, and not to be confounded with establishment expenses. The chief of these are:

1. Some proportion of inward carriage; cost of unpacking, checking, and storing goods.
2. Outward carriage on returns, breakages in returns, and cost of packing same.
3. Loss from packages which are charged for but "non-returnable."
4. Loss through occasional deterioration of stock, leakage, breakage, etc.

There are also other expenses, all of which go to make up the "true cost" of goods. The wholesale buyer takes these factors into consideration in working out his costs, but the gentlemen who have legislated for the poor chemist have made no such provision. I am not finding fault with the principle of starting on a basis of net cost, but for goodness sake let us have business principles applied, and let the "net cost" be the "true cost." The whole position as regards the cost could be put on an equitable basis by taking a typical wholesale list from group B; the 5 per cent. discount would fairly cover these charges, and the chemist would really start on what has been presumed to be the intention of the framers of the Tariff—viz., a basis of "true cost." The abolition of the present spurious "net costs" should be pressed for by all chemists' Associations.

Yours faithfully,

Alpha. (91/19.)

The New Pricing Scheme.

Sir,—One of the principal arguments put forward in favour of the new pricing scheme for National Health Insurance prescriptions was that it would relieve the chemist of all clerical work. It was stated that the time and trouble saved would be ample compensation for the small percentage of loss entailed under the new regulations. Last week I received a communication from the Secretary of our Committee, informing me that local doctors' private formulæ are not in order, and asking me to send full particulars at once. In reply to my letter enclosing sheet of formulæ, as I have done each previous quarter, the Clerk requests me in future to give full details on each scrip, to fasten all recipes to the original, and, in short, relieve the bureau of all trouble save the pricing. It seems I still have to undertake the same work as previously, *minus* the pricing and *plus* the details and classification. I am showing below the small percentage I am compelled to lose under the present conditions. The work has been done by one who has a thorough knowledge of both methods. I might state that the pricing of the 500 scrips in the old method is based on the December 1915 Tariff, consequently this would mean a still larger percentage of loss than is shown below:

500 ordinary scrips priced according to December Tariff, 5*l.* 14*s.* 7*d.* Average per scrip, 7.55*d.*

500 ordinary scrips priced according to the 1916 Tariff, 3*l.* 17*s.* 2.25*d.* Average, 6.65*d.*

Loss of 1*l.* 17*s.* 4.75*d.*, or 0.90*d.* per scrip.

The above figures should be an eye-opener to many chemists.

Yours faithfully,

Anti-Bureau. (140/67.)

Shop-hours.

Sir,—The lighting regulations now in force throughout the country present an opportunity for curtailment of chemists' long shop-hours such as probably will not recur. Many traders have for months past availed themselves of the unusual conditions, and closed their premises one or two hours earlier, thus effecting a big saving in lighting alone and obviating any risk of being fined under the new lighting regulations. In some cases the better-class chemists have come into line with other shopkeepers in their locality. Would it not be worth discussing the subject with a view to concerted action by chemists in their various centres? The question might be considered from the point of view of the general public, the employer, and the employé.

Yours truly,

Oxton, Birkenhead. Chas. E. Dodsley.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

A Chemists' Union.

Mr. W. H. Goy, 17 Battersea Rise, Clapham Common, London, S.W., writes supporting Mr. Breese's suggestion as to making the Pharmaceutical Council representative of the business side of pharmacy.

The Name Chloramine.

Mr. A. Collins, Pontefract, writes: "In view of the similarity in name of chloramine and chloramide, would it not have been better to have named chloramine trichloramine? It seems to be a chemical combination of the three things toluene, sodium, and sulphur, and such a name would have avoided possible confusion."

Jay Macksims

(as he writes them).

1. The professional microbe seems to have escaped from Yorkshire into Glasgow.
2. Yorks not yet sound on patents, but it is good to hear that the Charter recognised business.
3. What is the result of twenty years' preparation for "individual merit"? Three hundred druggists are preparing to study for the Medical!
4. "Xrayser II." calls for a group of men to reconcile our conflicting interests. What about the yearly Conference of Local Associations?
5. The 1915 meeting was an eye-opener in businesslike despatch, and proves that we have the cohesion when we get the time, the evidence—and the truth.
6. Income-tax will unite us very soon. Big employers can get exemption for 250*l.* (or more) manager's salary, while we small men can only reckon ourselves as being worth 130*l.* It is not good enough. We do the work of three men for that.

Legal Queries.

The majority of difficulties in regard to trade law are explained in the legal section of "The Chemist and Druggist Diary," 1916, beginning on page 341.

E. C. (134/33).—We are not aware of any custom by which an assistant's railway fare is paid to him on taking up a situation. With a *locum tenens* the case is different.

Direct (209/21).—Directors as Employed Persons.—The National Health Insurance Commissioners have ruled that a director of a company is not *as such* employed under a contract of service within the meaning of the National Insurance Act, and is accordingly not required to be insured thereunder in respect of such employment.

Salol (126/26).—Sale of "Female Pills."—Potassium permanganate pills have a legitimate use in amenorrhœa, but it is advisable to assure yourself of the *bona fides* of the purchaser if you wish to avoid the penalties of the Offences against the Person Act. The offence under this Act is supplying any drug knowing that it is to be used unlawfully. This has been held to include sales of emmenagogic and purgative medicines to women who were pregnant or believed themselves to be so.

Mancurian (134/72).—Apprentice Registration-fee.—It is necessary to pay the fee of two guineas for registration as an apprentice or student before a candidate can enter for the Minor examination (see *C. & D.*, August 14, 1915, p. 52). The origin of the fee dates from the time when the Pharmaceutical Society's own Preliminary examination was discontinued in 1900. So as not to lose any revenue, it was arranged that the fee should still be payable, although the Society ceased to hold the examination.

W. M. B. (141/23).—Interest Payments.—On July 1, 1915, A borrowed 300*l.* from B at interest at the rate of 5 per cent. per annum, "repayable by instalments of at least

100*l.* per annum, the first instalment falling due on July 1, 1916; thereafter the loan must be repaid in half-yearly instalments of not less than 50*l.*" A wishes to pay off the whole loan on March 31 next; will he be liable to pay a full year's interest? [A will only have to pay the interest actually accrued due—that is to say, interest for the period from July 1, 1915, to March 31, 1916, inclusive.]

Nemo (130/69).—Payment of Mortgage Interest.—A mortgagee of certain premises entered into possession, and, being unable to sell the property, let it at a rent which is insufficient to pay the mortgage interest. How many years must elapse before the mortgagee's right to enforce payment of the mortgage debt and interest will be barred by the Statute of Limitations? [Legal proceedings by the mortgagee against the mortgagor, if the mortgage was by deed, must be taken within twelve years, or, if the mortgage was not by deed, within six years after the mortgagor made default in payment of principal or interest, or gave the mortgagee a written acknowledgment of his indebtedness.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

We do not as a rule repeat information which has been given in this section during the past twelve months, but give the reference to the issues in which the information may be found. If querists cannot refer to these, they may obtain the numbers from the "C. & D." Office at the published price, usually 6d.

J. H. S. (130/14).—Dispensing Pupil.—It is difficult to suggest a definite fee for allowing a pupil to obtain at your pharmacy the six months' experience in dispensing. As you would probably utilise the pupil's services for Insurance dispensing, under supervision, we suggest that ten guineas might meet the case.

Emdoubleyou (128/48).—We do not know any auctioneer who specialises in the sale of old bronze mortars, although these articles are not infrequently offered in London salerooms. Mr W. Maskew, Ph.C., Clacton-on-Sea, is an expert in these matters and would be able to advise you, although the present is rather an unfavourable time to offer such property for sale.

D. F. & Co. (Brazil) (127/9).—Manufacture of Vinegar.—Brannt's "Practical Treatise on the Manufacture of Vinegar" (Low, 25*s.*) gives a good deal of information on the subject, but does not deal specially with the manufacture of vinegar from sugar residues.

A. W. P. (130/62).—White-wine Vinegar is made from wine derived from white grapes. In wine-growing countries spoilt wine is used for this purpose, hence white-wine vinegar may be regarded as a by-product of the wine-industry. It could not be made profitably in this country.

W. E. (131/1).—Carnauba Wax is obtained from the carnauba palm (*Copernica cerifera*), which grows in Brazil. The wax is obtained from the young leaves, upon the surface of which it is secreted. The sp. gr. at 15° is 0.995 to 0.999, m.p. 84°-85°. It is soluble in alcohol and boiling ether. The wax is used when bleached for candle-making, stearine and ozokerite being mixed with it for this manufacture; it is also largely employed for phonograph cylinders and as a constituent of boot-polishes. It varies in colour from dirty grey to yellow, and is purified by re-melting.

J. W. R. (120/59).—We do not recommend you to use the larger quantity of nitric acid in the fever-cure, although that is the amount mentioned in the formula to which you refer.

W. J. C. (138/50).—Photographic Developer.—The methods of making para-amidophenol were given in the *C. & D.*, September 19, 1914, p. 37. The difficulty at the present time is to obtain the raw materials, as these are required for National Defence purposes.

U. D. C. (138/4).—Formic aldehyde may not be exported other than to British Possessions and Protectorates. See *C. & D. Diary*, p. 370.

Junip (102/28).—Pimples on Face with Oily Skin.—The lotion given in the *C. & D.*, January 16, 1915, p. 60, should be applied frequently after washing the skin with a superfatted soap. Alkaline soaps should be avoided, as further irritation of the skin would be caused.

C. F. (137/38).—Fire-lighters.—There are so many varieties of fire-lighters that we do not know to which kind you refer. The little wooden wheels or frames are generally partly dipped in resin, and that substance is also employed in the kind made of sawdust. Resin is the only substance which has a large use as an inflammable material in fire-lighters, the great advantage being that resin fire-lighters can be stored without danger.

H. R. (138/24).—Photographic Mountant.—You do not say which variety of mountant you have found unsatisfactory. Formulæ containing dextrin are popular, such as the following:

White dextrin	2 oz.
Spirit	1 oz.
Boiling water	6 oz.

Dissolve the dextrin in the water and, when nearly cold add the spirit.

A. J. C. (132/5).—Miscible Disinfectant-fluid.—We do not know the composition of the disinfectant to which you refer, but the following, we think, will meet your requirements:

Coal-tar distillate (of sp. gr. exceeding 1.00)	100 parts
Resin	85 parts
Caustic soda or potash (30° B.)	60 parts
Vegetable oil	20 parts

Liquefy the resin, add the coal-tar distillate, and when thoroughly incorporated, and while the mixture is still warm, add the caustic soda, and lastly the oil.

J. T. W. (130/5).—Boot-polish.—See *C. & D.*, October 1, 1915, p. 60. The brown polish is produced by omitting the black dyes and the black Montan wax, and using brown umber and yellow ochre as the colouring-matter.

E. B. (132/23).—Book on Bacteriology.—Hewlett's "Manual of Bacteriology" (Churchill, 12*s.*) has been revised within the last few years.

Pimento (133/72).—Your inquiry is not explicit enough. Are you referring to veterinary practice?

Who Said This?

February Competition.

We have selected from famous authors things that they have said which pertain directly or indirectly to pharmacy or medicine. We propose to print these week by week, and we ask our subscribers to say who the authors were. The February competition includes the quotations printed in the issues of the *C. & D.* during the present month. The quotation printed last week was:

"Do Fortune what she can,
The gentle craft is living for a man."

This week's quotation is:

"Men talk of catholicon, the drug that is instead of a purges."

Tell us on a postcard who said this, giving your name and address. We shall award a copy of Wootton's "Chronicles of Pharmacy," in two volumes, or of "Pharmaceutical Formulas," to the *C. & D.* subscriber or his assistant who correctly gives us the names of the authors of the quotations which we publish in our issues for the month of February. Replies received later than ten days after the quotation is published will not have priority of choice when we come to adjudicate the prize-winner.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," Feb. 15, 1866.

Tinctura Actææ.

Mr. Henry R. Baker, of Southsea, writes: Having frequent occasion to dispense prescriptions containing this tincture, and as I have never seen a formula for its preparation in print, I am induced to bring before the notice of your readers the formula used by many of the West-End houses: ℞ Rad. Actææ Racemosæ ʒv., Aq. Destill. ℥xx Sp. Vini ℥xx. The root to be reduced to a moderately fine powder and digested with the spirit and water for four days, then transferred to a percolator and allowed to percolate. The mass is then to be washed with equal parts of spirit and water to accurately measure two pints. The tincture is much recommended in rheumatic complaints. Dose from ℥ss. to ʒiij., combined with iodide of potassium and bicarbonate of soda or potash.

We are at last in a position to report something to interest and gratify

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To surprise, disappoint and thwart the

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Ergoapiol (Smith) capsules bear on the inside of each capsule the letters M. H. S.

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This method of marking Ergoapiol (Smith) now offers absolute protection against any imposition in the use of a spurious and fraudulent product.

Identification by the physician or patient is now very simple, because no analytical investigation is necessary and because no one else can use this invention as it is our exclusive property under Letters Patent in the United States and foreign countries.

We have been manufacturing Ergoapiol (Smith) with this patented protective mark for the past two years, but have withheld announcing the fact, so as to give reasonable and ample time for all the old style capsules to have been dispensed.

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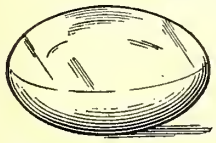

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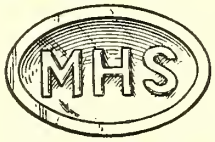

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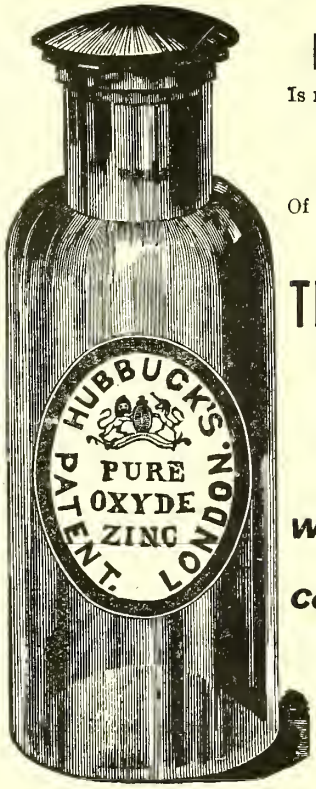

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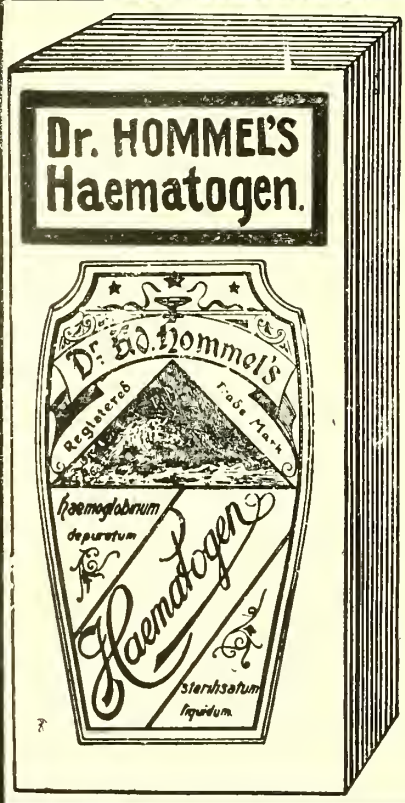

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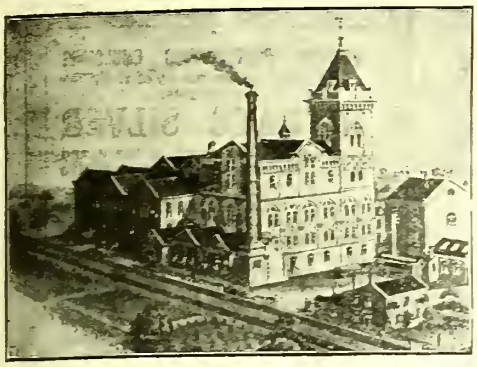

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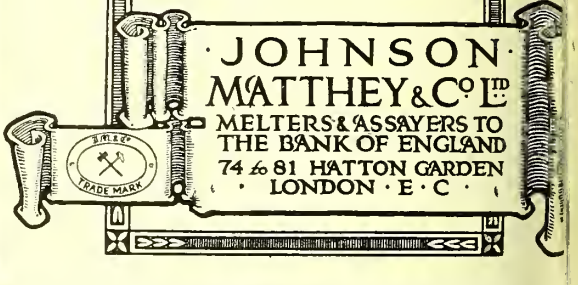

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Fol. Sennæ Tinnev., 1 cwt. @ 8½d. lb.; 7 lbs. @ 9d. lb.; English Ground, 56 lbs. @ 1/1 lb.; 7 lbs. @ 1/2 lb.
Formaldehyde, 40%, 4 cwt. barrels @ 66/- cwt.; 7 lbs. @ 10d. lb.
Fuller's Earth, fine powder or lump, 5 cwt. @ 8/3 cwt.; 1 cwt. @ 9/6.

Galls Cæsul. Pulv., 7 lbs. @ 1/5 lb.
Gamboge, English Ground. 7 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.
Ginger, English Ground, 1 cwt. @ 46/- cwt.; 7 lbs. @ 7d. lb.
Gingerine, Extra, 5 lbs. @ 13/- lb.; 1 lb. @ 13/6.
Glycerin. Opt. D.D., 1.260 P.B., 1 cwt. @ 121/- cwt.; 56 lbs. @ 123/- cwt.; 12 lbs. @ 1/3½ lb.
*Glycerin. Acid. Boric, P.B., 6 lbs. @ 2/- lb.
* „ Acid. Carbolic. P.B., 6 lbs. @ 1/9 lb.
* „ Acid. Tannic, P.B., 6 lbs. @ 2/4 lb.
* „ Belladon. B.P.C., 6 lbs. @ 5/6 lb.; 1 lb. @ 6/- lb.
*Glycerin. Boracis, P.B., 6 lbs. @ 1/5 lb.
* „ Pepsin. Acid, P.B., 1 lb. @ 3/3 lb.
* „ Plumbi Subacet. P.B., 6 lbs. @ 1/10 lb.
Guaiacol Carb., 1 lb. @ 80/- lb.
Guaiacol, pure, 1 lb. @ 50/- lb.
Gum Acaciæ sorts, 3 cwt. @ 75/- cwt.; 1 cwt. @ 80/- cwt.; 7 lbs. @ 9½d. lb.; English Ground Powder, No. 1, 1 cwt. @ 120/- cwt.; 7 lbs. @ 1/3 lb.; No. 2, 1 cwt. @ 100/- cwt.; 7 lbs. @ 1/- lb.
Gum Benzoin, Sumatra, 84 lbs. @ 1/8 lb.; 7 lbs. @ 1/10 lb.
Gum Catechu Nig., English Ground, 1 cwt. @ 75/- cwt.; 14 lbs. @ 8½d. lb.
Gum Gualaci, 1 cwt. @ 1/3 lb.; 28 lbs. @ 1/5 lb.
Gum Juniper, 14 lbs. @ 1/- lb.
Gum Thus Elect., 2½ cwt. @ 44/- cwt.; 28 lbs. @ 50/- cwt.
Gum Tragac. Elect., English Ground, 7 lbs. @ 8/9 lb.; 1 lb @ 9/- lb.

*Heading (Frothing Ess.), 5 lbs. @ 1/3 lb.; Heliotropine, 1 lb. @ 11/- lb.
Hellebore, White, Powder (Foreign Ground), 1 cwt. @ 47/6 cwt.
Hexamethylenetetramine, 7 lbs. @ 5/6 lb.; 1 lb. @ 6/- lb.
Honey, Pale Set, Jamaica, 3½ cwt. @ 47/6 cwt.; 28 lbs. @ 53/- cwt.; Californian, ½ cwt. @ 52/6 cwt.; 7 lbs. @ 7½d. lb.
Hydrargyum, P.B., 10 lbs. @ 5/6 lb.; 1 lb. @ 5/10 lb.; Ammon., 28 lbs. @ lb.; c. Creta. 28 lbs. @ 2/6½ lb.; Iodid. Rub. 28 lbs. @ 16/2 lb.; Oxid. Rub., 28 lbs. @ 8/- lb.; Perchlor., Lump, 28 lbs. @ 7/7 lb.; Subchlor., 28 lbs. @ 7/4 lb.; Sulph. c. Sulph., 28 lbs. @ 7/- lb.; 7-lb. quantities 1d. lb. extra, 3-lb. quantities, 2d. lb. extra, 1-lb. quantities, 3d. lb. extra.
Hydrokinone, 1 lb. @ 45/- lb.

Ichthyol Ammon. chemical equivalent: Ammon. Ichthosulphonas, B.P. Codex, 7 lbs. @ 7/- lb.; 1 lb. @ 7/6 lb.
*Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/7 lb.
* „ Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/6 lb.
* „ Buchu Conc., 1 to 7, 6 lbs. @ 2/6 lb.
* „ Calumbæ Conc., 1 to 7, 6 lbs. @ 1/1 lb.
* „ Caryoph. Conc., 1 to 7, 6 lbs. @ 1/2 lb.
* „ Cascarilla Conc., 1 to 7, 6 lbs. @ 1/6 lb.
* „ Cinchonæ Acid, 1 to 7, 6 lbs. @ 1/9 lb.
* „ Gentianæ Co., 1 to 7, 6 lbs. @ 1/3 lb.
* „ Quassiæ Conc., 1 to 7, 6 lbs. @ 11d. lb.
* „ Rhei Conc., 1 to 7, 6 lbs. @ 1/8 lb.
* „ Rosæ Acid. Conc., 1 to 7, 6 lbs. @ 2/10 lb.
* „ Senegæ Conc., 1 to 7, 6 lbs. @ 2/6 lb.
* „ Valerian Conc., 1 to 7, 6 lbs. @ 1/6 lb.

Insect Powder, Opt., English Grd., closed flowers, 7 lbs. @ 3/- lb.; English Ground, ½ closed flowers, 4d. lb. less; Foreign Ground, 28 lbs. @ 1/6 lb.
Iodoform Pulv. B.P., 7 lbs. @ 20/6 lb.; 1 lb. @ 21/-
Iodum resub. B.P., 7 lbs. @ 18/9 lb.; 1 lb. @ 19/3 lb.
Isinglass, Brazil, fine cut, 7 lbs. @ 3/9 lb.; 1 lb. @ 4/- lb.; Russian finest, 7 lbs. @ 10/6 lb.; 1 lb. @ 11/- lb.; Ribbon or Sheet, 7 lbs. @ 2/9 lb.; 1 lb. @ 3/- lb.

Kamala, 7 lbs. @ 1/5 lb.; sifted, 1/9 per lb.

Lapis Pumicis, fine powder, 2 cwt. @ 11/- cwt.; 7 lbs. @ 2d. lb.; lump, 2 cwt. @ 16/- cwt.; 7 lbs. @ 3d. lb.
Licorice Juice, 4 & 2-oz. Sticks, 1 cwt. @ 125/- cwt.; 28 lbs. @ 1/2½ lb.; 7 lbs. @ 1/3 lb.
*Lin. Aconiti Meth., 5 lbs. @ 1/9 lb.; 1 lb. @ 2/- lb.
* „ Bellad. Meth., 5 lbs. @ 6/2 lb.; 1 lb. @ 6/5 lb. [1/1½ lb.
* „ Camph. P.B., 40 lbs. @ 1/0½ lb.; 9 lbs. @
* „ Sapo Meth., 9 lbs. @ 9½d. lb.
* „ Terebh. Acet., B.P., 5 lbs. @ 1/1 lb.
Linseed c. Oil, Crushed, 3 cwt. @ 24/6 cwt.; 1 cwt. @ 25/6 cwt.
*Liq. Ammonii Acetatis Conc. 1–7, 6 lbs. @ 1/3 lb.; 1 lb. @ 1/6 lb.
* „ Ammon. Aromat., 6 lbs. @ 10d. lb.
* „ Antim. Chlor. Pure, 8 lbs. @ 10d. lb.
* „ Arsenicalis, B.P., 7 lbs @ 4d. lb.; 1 lb. @ 7d. lb.
* „ Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
* „ Bismuth, P.B., 6 lbs. @ 1/6 lb.
* „ Copaiba Buchu et Cubeb, 5 lbs. @ 2/11 lb.; 1 lb. @ 3/2 lb.
* „ Easton., p.s. 1–3, B.P., 1 lb. @ 3/5 lb.
* „ Ferri Dialysatus, 6 lbs. @ lb.
* „ Ferri Iod. p.s., 1–7, 1 lb. @ 8/- lb.
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* „ Rhei, p.s., 1–7, 6 lbs. @ 2/3 lb.
* „ Santali Co., 1 lb. @ 4/6 lb.
* „ Sennæ Dulc. 6 lbs. @ 1/7 lb.
* „ Sennæ pro Syr. 1–7, 6 lbs. @ 3/4 lb.
* „ Strychninæ Hyd. P.B., 6 lbs. @ 1/10 lb.
* „ Tolut. pro Syr. 1–7, 6 lbs. @ 1/9 lb.
* „ Trinitrini, B.P., 1 lb. @ 6/9 lb.
Lithia Carb. P.B., 28 lbs. @ 6/- lb.; 7 lbs. @ 6/3 lb.; 1 lb. @ 6/6 lb.
„ Citras, B.P., 28 lbs. @ 6/- lb.; 7 lbs. @ 6/3 lb.; pulv., 3d. lb. extra.
Lycopodium, 7 lbs. @ 8/9 lb.

Mag. Calc. Levis, 1 lb. @ 1/6 lb.
Mag. Calc. Pond., 7 lbs. @ 1/10 lb.; 1 lb. @ 2/- lb.
Mag. Carb. Pond., 7 lbs. @ 11d. lb.
Mag. Carb. Levis., 1 cwt. @ 60/-; 7 lbs. @ 7½d. lb.
Mag. Cit. Gran., 28 lbs. @ 1/- lb.; 6 lbs. @ 1/1 lb.
Mag. Sulph., fine druggists', B.P., 1 cwt. @ 19/6; 28 lbs. @ 2½d. lb.
Manna, Flake, 14 lbs. @ 5/6 lb.; 7 lbs. @ 5/9 lb.; 1 lb. @ 6/- lb.
Menthol, dry white cryst., 60 lbs. @ 12/8 lb.; 5 lbs. @ 13/2 lb.

*Mist. Sennæ Comp., B.P., 20 lbs. @ 7½d. lb. 6 lbs. @ 8½d. lb.
Morphinæ Acet. Hydrochlor. or Sulph., Pulv. B.P., 25 oz. @ 14/- oz.; 16 oz. @ 14/3 oz.; 8 oz. @ 14/6 oz.; 1 oz. @ 15/3 oz.; Pur. Præcip. Bimeconate or Tart., 1 oz. @ 19/- oz.
Morphinæ Diacetyl., 4 oz. @ 22/- oz.; 1 oz. @ 22/6 oz.; Hydrochlor., 6d. per oz. less.
Myrrh, Gum, English Ground, 28 lbs. @ 1/3 lb.; 7 lbs. @ 1/5 lb.

Naphthalene, Flake, 7 lbs. @ 6½d. lb.
Nux Areca, 1 cwt. @ 55/- cwt.; 7 lbs. @ 7d. lb.; powder, English ground, @ 80/- cwt.; 7 lbs. @ 9½d. lb.

Ol. Amygdal. Ang., B.P., 9 lbs. @ 3/1 lb.
Ol. Anethi Ang. B.P., 1 lb. @ 17/6 lb.
Ol. Anisi, E.I., 66 lbs. @ 3/6 lb.; 16½ lbs. @ 3/10 lb.; 4½ lbs. @ 4/6 lb.; 1 lb. @ 5/- lb.
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Ol. Cassiæ, 16 lbs. @ 4/- lb.; 6 lbs. @ 4/3 lb.
Ol. Cinnam., 1 lb. @ 32/- lb.; 1 oz. @ 2/3 oz.
Ol. Citronellæ, 9 lbs. @ 2/3 lb.
Ol. Coco. Nucis, finest White, 80 lbs. @ 60/- cwt.; 40 lbs. @ 62/- cwt.
Ol. Eucalypt., B.P., 1 cwt. @ 2/7 lb.; 28 lbs. @ 2/8 lb.; 9 lbs. @ 2/9½ lb.
Ol. Geranii Gall. Opt., 1 lb. @ 28/- lb.; 8 1-oz. bots. @ 2/3 oz.; 1 oz. @ 2/6 oz.; Turc., 1 lb. @ 12/6 lb.; 4 ozs. @ 15/- lb.
Ol. Gynocardiæ, 5 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.
Ol. Juniperi Ligne Exot., 9 lbs. @ 2/6 lb.
Ol. Lavand. ab Flor., 5 lbs. @ 13/6 lb.; 1 lb. @ 14/6 lb.
Ol. Menth. Pip. English, 5 lbs. @ 36/6 lb.; 1 lb. @ 37/6 lb.; Hotchkiss original bots., 21 oz. each @ 15/9 lb.; 6 bots. @ 15/6 lb.; 18 bots. @ 15/- lb.; American, 20 lbs. @ 10/- lb.; 4½ lbs. @ 10/8 lb.; 1 lb. @ 11/3 lb.; Japanese, 60 lbs. @ 4/7 lb.; 5 lbs. @ 4/9 lb.
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Ol. Myrbane, 9 lbs. @ 2/3 lb.
Ol. Myristicæ, 7 lbs. @ 4/3 lb.; 1 lb. @ 4/6 lb.
Ol. Nucis Pallid., 2 gall. tins @ 6/11 gall.
Ol. Olivæ, P.B., good yellow, guaranteed pure, 45 gall. barrels @ 5/2 gall.; 2 gall. tins @ 6/6 gall.
Ol. Origani Rub., Coml., 28 lbs. @ 2/- lb.; 9 lbs. @ 2/3 lb.
Ol. Peach Kernel (so-called), 1 cwt. @ 1/5 lb.; 56 lbs. @ 1/6 lb.; 9 lbs. @ 1/8 lb.
Ol. Pulegii B.P., 5 lbs. @ 6/6 lb.; 1 lb. @ 6/10.
Ol. Ricini Alb. Opt. Medicinal, 44 lbs. @ 105/- cwt.; 9 lbs. @ 1/- lb.; for export, 1 cwt. drums recommended.
Ol. Rosmarini, Coml., 28 lbs. @ 1/9 lb.; 9 lbs. @ 2/- lb.; B.P., 9 lbs. @ 2/7 lb.; 1 lb. @ 2/11 lb.
Ol. Santal. Flav. Ang. B.P., 5 lbs. @ 31/6 lb.; 1 lb. @ 32/6 lb.
Ol. Sassafras, genuine, 28 lbs. @ 3/10 lb.; 1 lb. @ 4/5 lb.
Ol. Theobromæ, B.P., 8-oz. tabs., 28 lbs. @ 2/4 lb.; 7 lbs. @ 2/6 lb.
Ol. Wintergreen, Artificial, 5 lbs. @ 18/9 lb.; 1 lb. @ 19/3 lb.
Oplum Turc. B.P., 14 lbs. @ 36/6 lb.; 3 lbs. @ 37/6 lb.; 1 lb. @ 38/6 lb.; powder, 6d. lb. extra.

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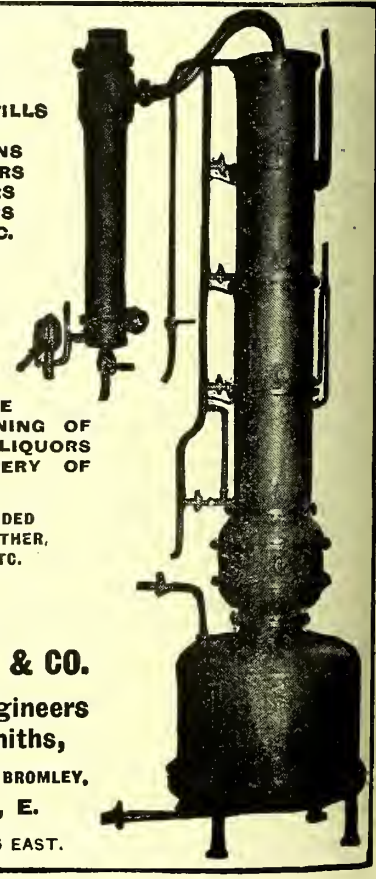

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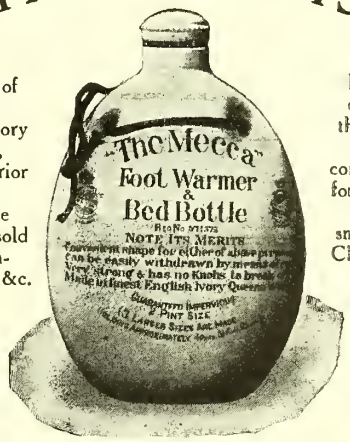

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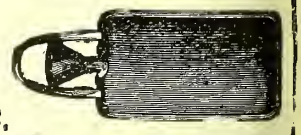

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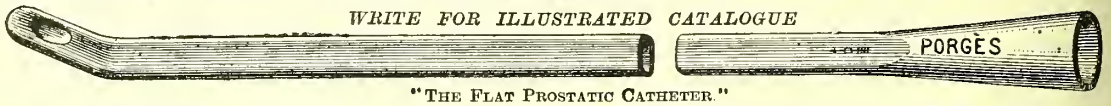

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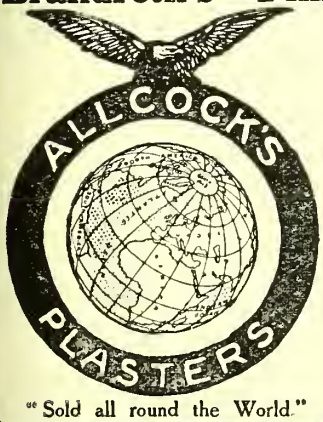

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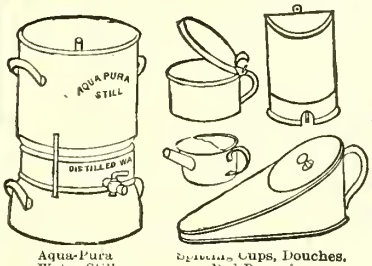

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ALL SIZES 2/- per 1,000 PLAIN OR EMBOSSED
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MECHANICAL DENTISTRY
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IN COLLAPSIBLE TUBES AND OF
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For the rapid arrest and cure of Local Pyrexia in all its forms including Pleurisy, Pneumonia, Neuritis, &c. &c. Invaluable in Rheumatoid Arthritis and Gout. Prepared and Sold to the Medical Profession and the Drug Trade only by the Sole Manufacturers,
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With inscriptions in any desired tint; also Plain or Embossed.
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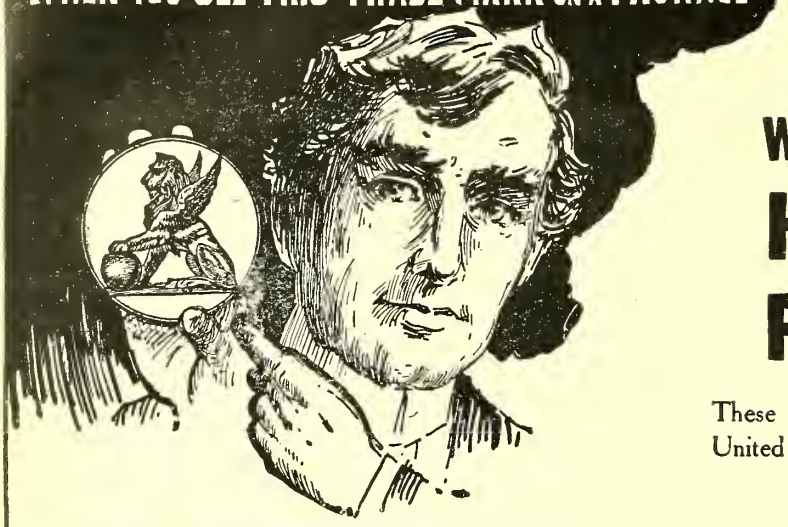

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These Packets have the largest sale in the United Kingdom, by reason of their Purity and Reliable Contents

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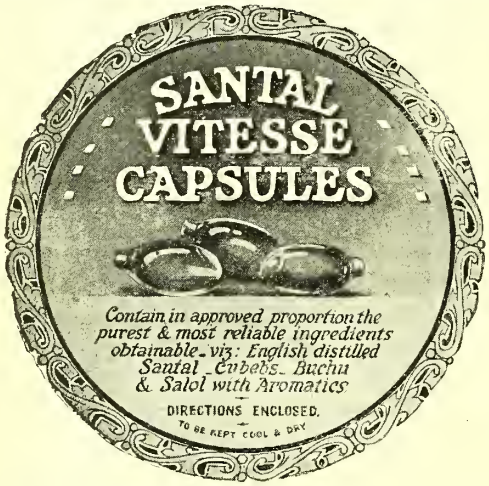
Put up in ¼-gross cardboard cartons. 7/- per gross net.



We guarantee this combination to be one of the most genuine and reliable on the market. The ingredients stated upon the label are absolutely pure.

2/6 boxes containing 24 ... **18/-** doz.
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Neat Showcard with all orders.

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We have recently installed new machinery for the manufacture of Capsules and Perles, and have now one of the most modern plants in the United Kingdom.

The "Winged Lion" Capsules do not shrink, contract or go mouldy, but retain their flexibility for any length of time.

All Capsules are filled with the purest ingredients and are guaranteed effective.

SANTAL CAPSULES.—We would specially direct your attention to the fact that we use the finest "English drawn Santal Wood Oil" only, guaranteed pure, in our Capsules.

CAPSULE LIST SENT ON RECEIPT OF BUSINESS CARD.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, FEBRUARY 26, 1916.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. **Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London."** (Three words counted as two.)

BEST RESULTS EVERY WEEK!

That is what advertisers in The Chemist and Druggist Supplement secure. Not indefinite returns from spasmodic and inflated circulation, but regular, steady success—the best possible in the Drug Trade. It gives

THE PUBLICITY IT PAYS TO PAY FOR.

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Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

—GREAT NORTHERN MAIN LINE (Few Miles Out).—Price £0, or valuation of stock and fixtures and small premium for le and goodwill; a good but neglected business, returning under in agement between £1,000 and £1,100; *gross profit* £437; bo s audited by accountant and stock taken annually.

—MAIDA VALE (Near).—Light Retail and Dispensing, with Op es; returns at the rate of £1,000; no active opposition; price £0, for which good value is offered.

—SHEPHERD'S BUSH (Near).—For immediate Disposal, th gh death, ready-money Retail and Dispensing Business; posi tio good; returns £600 under management; lock-up shop; ample w ing stock; valuation terms entertained.

—CITY (Within Easy Distance of).—Price about £350, which is proximately the value of stock and fixtures; returns £900 to £1 00; *gross profit* 50 *per cent.*; double-fronted shop, corner po ion; rent £62; trams and 'buses pass the door; must sell at nce.

—MIDDLESEX (Few Miles Out).—Modern Pharmacy; rapidly in asing; returns, present rate, £1,500 per annum; attractive sh and good stock; all open to inspection; valuation and sm t premium only required.

—LONDON, S.W.—General Cash Retail for immediate Disposal fo ess than value of stock and fixtures; returns £6 per week, wi no personal attention; price £100, or near offer; ill-health re n for disposal.

—KENT (Suburban).—Good-class Retail and Dispensing Busi- ne no N.H.I.; returns £900; *net profit* £249; single-fronted sh well fitted and fully stocked; comfortable residence; rent £5 held on lease; price £450, or offer, or valuation terms en tained; part payment.

8.—SEASIDE (Yachting Centre).—Well-established Country Business, Retail and Dispensing, for Disposal through death; returns £1,500 (about), at full prices; *net profit estimated at over* £350; comfortable house; rent £22; price £800.

9.—NORTH-EAST COAST (Fashionable Health Resort).—For Disposal, through death, good-class Dispensing and Retail Business; returns between £900 and £1,000, present rate less through neglect; handsomely fitted Pharmacy and good stock; must be sold forthwith; no reasonable offer refused.

10.—SOUTH WALES.—Sacrifice for immediate Sale; ready-money Retail; returns £700; *net profit* £200; rent £40; modern-fitted shop, with ample stock; price £325, £175 on entry and balance by instalments.

11.—NOTTS.—Light Retail, Disponsing, and Photographic trade; returns between £1,000 and £1,100; *net profit* £250; rent £35; about the value of stock and fixtures required.

12.—HOME COUNTY (Charming Locality).—A good General Country Retail for Disposal; price £500; no opposition; returns £900, at good prices; good residence with private entrance and outbuildings; full investigation invited.

13.—LANCS (Main Marketing Thoroughfare).—Ready-money Retail, with excellent Optical connection; returns £1,370, *yielding about* £600 *net profit*; terms, valuation of stock and fixtures and sum for goodwill to be arranged equitably.

14.—GLOUCESTERSHIRE.—For immediate Disposal, through ill-health of proprietor, good-class Retail and Dispensing Business; position good; returns about £1,350; the first reasonable offer will be accepted; worth attention.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

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BRETT & CO.

Licensed Valuers,

73 LAUREL ROAD, LEICESTER.

Telegrams, "Brett Leicester." Telephone 1934.

F. J. BRETT, M.P.S.,

GIVES PERSONAL ATTENTION TO ALL VALUATIONS

NO CHARGE TO BUYERS.

AGENCY.—We have always a large number of *Buyers* on our books, and we can frequently find a purchaser at once. We also have a *Private Register* for vendors who are in no hurry to sell, and who do not wish their businesses to be advertised.

STOCKTAKING SPECIALISTS to the Entire DRUG TRADE.

£2,725 returns.—SURREY.—First-class Retail and Family trade, with some valuable own Preparations having a well-established sale without advertising; net profit nearly £600; price, three years' net profit or £250 goodwill and stock and fixtures at valuation; family reasons cause of sale.

£1,100 returns.—ESSEX.—Light Retail and fair Dispensing; favourite resort; price £600, or £100 goodwill and valuation of stock and fixtures.

£1,700 returns.—LONDON (Easy Distance of).—Old-established Family, Retail, and Dispensing; well-appointed shop and good residence; net profit £425; price £1,300, or £200 goodwill and stock and fixtures at valuation.

£1,000 returns.—YORKS.—Middle-class Retail and N.H.I.; net profit over £300; low rent; price £650.

£600 returns.—LANCS.—Very profitable Retail, from which vendor is retiring; a thoroughly genuine little Business that could easily be considerably increased by more energetic man; price £220.

Valuations conducted upon the shortest notice at moderate fees.

PARSON C. BAKER

1 MOUNTFIELD ROAD, CHURCH END, FINCHLEY, N.

Recommended by— BRITISH DRUG HOUSES, LTD. MEGGESON & CO., LTD. BARCLAY & SON, LTD.

Tel. No. Finchley 812.

All correspondence should be addressed as above.

And at 174 VICTORIA ST., S.W., Ph.C. Tel. No. Victoria

Valuer to Association of Manufacturing Chemists,

CONTINUOUSLY increasing Cash Business; excellent pos on, large town, Kent; returns £1,200; good house; well-fitted p; price, small goodwill and valuation, or offer.

DEATH VACANCY.—First reasonable offer; must be so to realise estate; splendid opportunity at low cost; fine pos n; neglected.

IN Western County; now returning £500 to £1,000; in od hands easily £1,000; well-fitted shop, private entrance, go garden, stable, etc.; stock and fixtures estimated at £500; nt £45.

Tenders invited for complete Stock and Fixtures and Ut ls, in excellent condition, of West-End Pharmacy; most liberal t s. See advertisement in Supplement, page xxxv.

No Charge Whatever to Purchasers.

P. C. B. makes a speciality of examinations and repor on businesses on behalf of purchasers and arranges the tra on very moderate terms.

THOS. TOMLINSON & SO

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,

45a MARKET STREET, MANCHESTER.

ESTABLISHED OVER HALF A CENTURY.

Telegraphic Address: "Tomtom."

We desire particularly to draw the attention of Colonial Foreign Subscribers to the fact that in cases where y require partners, agents or assistants, or wish to sell t r businesses, an advertisement in this Supplement, pl d in every copy of "The Chemist and Druggist," shoul e the readiest means of helping them to attain their ob t. The tariff for such announcements is given under the ap priate headings in the Supplement. Instructions and mittances can be sent to us direct or through the ad tisers' correspondents in this country.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—HOME COUNTY (15 Miles Out).—Light Family Retail and Dispensing, with Dentistry; pleasantly situated; returns over £1,000, increasing; net profit £308; books properly kept; modern house, bathroom and large garden; well fitted and stocked; price £650; strongly recommended.

2.—SOUTHERN COUNTY (Fashionable Town).—First-class Retail and Dispensing Business; returns £1,200; profits half; plenty of scope; fine position; price £700, or £100 and valuation; personally inspected and recommended.

3.—YORKS (WEST RIDING).—Middle-class Retail Business, pleasantly situated; returns over £1,000; net profit £350; low rent; good house; price £650, about valuation.

4.—KENT.—Unopposed good-class Country Retail, delightfully situated; returns about £1,000; books properly kept; nice house and garden, well-stocked shop; price £500; good introduction.

5.—WILTS.—Old-established General Country Retail; unopposed; returns £1,200; net profit £300; large house and garden; low rent; heavily stocked; price £700, little more than valuation.

6.—ESSEX.—Unopposed Village Retail; easily worked; returns £350; net profit £120; good house and large garden; domestic reasons sole cause of sale; price £100, less than valuation.

7.—N. DEVON.—Unopposed Light Country Retail; plenty of scope in qualified hands; net profit £152; modern house, bathroom and large garden; price £175, or offer.

8.—LONDON (Western Suburb).—Sound Light Retail, with valuable appointment; returns £1,260; net profit £350; good position; excellent stock; price £550, or valuation.

9.—NORTH LONDON.—Brisk Cash Retail; returning £1,036; net profit £350; modern Pharmacy; no immediate opposition; well stocked; price £500.

STOCKTAKING v. INCOME TAX.

Every chemist should make a point of reading page 135 in *C. & D. Diary*, which deals with the above matter, and then write for our special pamphlet and low terms.

Forty-five years' practical experience.

BUSINESSES FOR DISPOSA

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have re addressed to this Office, and forwarded on payment of additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter ca no case be forwarded, the Box numbers being intended exclusi for specific answers to particular advertisements. The Publi reserves the right to open and refuse to forward any commun tions received which he may consider contrary to this rule.

BRADFORD.—Old-established Light Retail Drug Business Disposal at once; main thoroughfare, near Town H reason, age; good opening for Panel. Particulars from "S. 113 Bridge Street, Bradford.

CHESHIRE.—For immediate Disposal, a good Light Retail Dispensing Business; present returns average £15 wee introduction given; too small for present owner, who wants take a larger concern; splendid position. Apply, "Rhei," Messrs. Ayrton, Saunders & Co., Hanover Street, Liverpool.

EAST Midlands.—Old-established Country Business; neglect capable of immediate and considerable increase with sonal attention; splendid opening for Dentistry; large, w fitted shop, fully stocked; six-roomed house and nice gar attached; rent £35; price £270, part can remain. 141/37, Of of this Paper.

GLOUCESTER.—For immediate Disposal, owing to illness advanced age, old-established Business; returns over £1,3 well-fitted corner shop; good house and garden. Full particul 233/12, Office of this Paper.

LONDON (N.W. Suburb).—Good middle-class Retail, with N.H for Disposal through nervous breakdown; well situated busy part of main thoroughfare; returning over £1,100, ready money; low rental, on lease; convenient residence attach with good garden; well-stocked shop; price for early sale £4 Address, "N. W." (142/29), Office of this Paper.

NDON, N.W. (Good-class Neighbourhood).—Old-established; returns over £800, exclusive of Dentistry and Mineral-water ns; good reasons for sale; price asked £800, including fix- , mineral-water plant, etc.; open to offer; corner premises; home. Thoroughly recommended by Passingham & Hall, ers, 50 Grafton Street, Tottenham Court Road, W.

RTH LONDON.—Illness, plus expiration of lease; good Fix- ures and small Stock (clean and saleable); new lease granted necessary decorations done by landlord; one of the busiest in London; big scope for Panel, Optics, or Dentistry; er cent. off valuation price of stock and fixtures. 231/12, of this Paper.

RTH LONDON.—Brisk Cash Retail, returning £500; net profit £250; rent 10s. weekly; main thoroughfare; few ts; mostly Prescribing; thickly populated; little opposition; qualified or unqualified; proprietor anxious to join Army reason); give-away price for quick sale. "Bargain" 24). Office of this Paper.

EMIST'S Business, Retail, with National Health Insurance Dispensing connection, in North East Lancashire town; shed over 40 years; excellent reasons for disposal. Par- rs, C. Pollard & Co., 27 Victoria Street, Blackburn, ntants.

ISTING circumstances compel immediate Disposal of lock- p Drug Stores, either as going concern or stock and fixtures ately; absolutely unopposed; 5,000 population; near London; t hands 8 years; suit man with small capital, either quali- or unqualified; seen daily 3.30 to 8 (Thursdays excepted). w's Drug Stores, Staines Road, Sunbury-on-Thames.

Sale, in Manchester district, Branch Business in populous orking-class district; old-established and easily worked; opening for Dental work; returns under manager £400; £30; good house, with private entrance; a reasonable offer be accepted; a suitable investment for lady Pharmacist; military age. Apply, "Executor" (230/40), Office of this

ING to the death of Mr. Phillips (Tylers' Drug Stores, d.), 9 High Street, Marylebone, I am instructed to sell the and Fixtures in the Pharmacy; the stock is in fair quan- good condition, purchased from the best sources; the s are good, solid mahogany and plate glass; the whole may wed at any time on the premises; offers for the whole or art will be considered, either at a definite amount or at a discount from cost price; a purchaser of the stock can he use of the stock and fixtures on hire for one year and rter at a nominal rent, or the whole premises, part of are let off to cover whole rent and part of rates, taking ance of obtaining new lease. Full particulars from Parson er, 1 Mountfield Road, Church End, Finchley, N.

E chance to purchase thriving Business in growing town Kent; no opposition whatever; also scope for Photography, and Dentistry; double-fronted shop, modern fittings; sound s for disposal; quick sale desired; turnover about £650, in- g; large Panel; price £350; part could remain. 141/34, of this Paper.

QUE Offer.—Aged proprietor, permanently invalided, will l cheap handsome, fully equipped Pharmacy, North-West y; now conducted as select high-class trade; no Specialties, Optics, or N.H.I.; best position; good house; vast Govern- works just started; fortune to pushing, up-to-date man with capital. 234/1, Office of this Paper.

£00 OR near offer for quick transfer; Surrey Village Busi- ness; returns £400; net rent £15; long lease; ouse and garden. 233/17, Office of this Paper.

SALES BY TREATY.

Chemists and Investors.—To be Sold by private treaty, with- out reservation, Shepperley's well-known and renowned "Household Remedies," together with the stock; the investment is a unique one; immediate possession. Address, the Exors. of the late Mr. Geo. Shepperley, 54 Long Row, Nottingham.

DENTAL ROOMS WANTED.

DENTAL Surgery.—Advertiser requires Room or Rooms as a Dental Surgery, with or in proximity to a Chemist's, London or suburbs. "W. R.," 14 Norbury Avenue, Norbury, S.W.

TENDERS.

KENSINGTON BOARD OF GUARDIANS.

TENDERS are invited for the supply of Drugs for a period of six months from the 1st April, 1916.

Form of tender, with all the necessary information, may be obtained up to Wednesday morning, the 8th proximo, upon personal application, or by sending a stamped addressed foolscap envelope to the undersigned.

By Order,
W. R. STEPHENS, Clerk to the Board.

Guardians' Offices, Marloes Road, Kensington, W.,
22nd February, 1916.

PARISH OF ST. MARY, ISLINGTON.
CONTRACTS.

THE Guardians of the Poor of the Parish of St. Mary, Islington, invite Tenders for the supply of DRUGS and DRUGGISTS' SUNDRIES for a period of three months, commencing the 1st day of April, 1916, to be delivered in such quantities, as and when required, at the St. John's Road and Cornwallis Road Institutions; Highgate Hill Infirmary; Schools, Hornsey Road; Receiving Homes, Hornsey Rise, N., and the Outdoor Dispensaries in the Parish.

Sealed Tenders must be delivered at the undermentioned Offices on or before Tuesday, the 7th day of March, 1916, addressed to the Guardians, and endorsed "Tender for .....," and the Tenders will be opened at a meeting of the Guardians to be held on Thursday, the 9th day of March, 1916.

The Guardians do not bind themselves to accept the lowest or any Tender.

Printed forms of tender (which alone will be received, and which contain conditions of contract) must be obtained from the Clerk personally, or a stamped addressed *brief-size* envelope may be sent.

No contract will be given to firms who do not ordinarily observe Trade Union rates and conditions.

By Order,
EDWIN DAVEY, Clerk.

Guardians' Offices,
St. John's Road, Upper Holloway, London, N.,
19th February, 1916.

PARTNERSHIPS.

INVESTOR or Partner with £500 to £1,000 required by firm of Importers, Exporters, Drugs, Chemicals; splendid prospects for near future. Address, "Export" (234/14), Office of this Paper.

WANTED, to meet someone able to place on the market the finest Embrocation for Rheumatism extant. "W.," 22 Zenoria Street, S.E.

FOR SALE.

CASH Register for Sale, National make; prints tickets; keys to £2; in excellent condition; bargain. Apply, by letter, Skipp, 86 Dartmouth Park Hill, Highgate, N.

CHEMIST'S Shopfittings, Bottles, Carboys, etc., for Sale. Apply, 121 Bishop's Road, Victoria Park, E.

HEALTH-SALT Tins, 4-oz., 150 gross; round, decorated, lever lid. Hamilton & Co., 8 Springfield Quay, Glasgow.

OFFERS wanted, 3 6-gallon Carboys, 2 4-gr. Pill Machines, Plaster Spreader, 15-gr. Suppository Mould for 6, 170 assorted Shop-rounds (70 Labelled, 100 Unlabelled), 12 40-oz. W.M. Blue Powder Bottles, 9 doz. each 6 and 8 oz. L. Neck Blue Castor-oil Bottles, £5 worth Photo mounts, etc., for 30s. (too cheap for approval). Clegg Schofields, Market Place, Heywood, Lancs.

40 OZ. Howards' Sulphate of Quinine, in 4-oz. sealed bottles, to clear, at best offers for the whole or part lot. C. Rhodes, 49 Crown Street, Halifax.

1 CWT. Naphthalene Balls; 1,000 Guaiacol Carb. Tabs., gr. v.; 2 2 oz. Phenazone; 2 cwt. Lump Resin; 2½-cwt. cask Mag. Sulph., B.P., fine crystals, Evans'; 100 Bottle Tabloids, B.W.'s, Aspirin, Phenacetin and Quinine Comp., Quin. Salicyl., Quin. Sulph., gr. v.; 500 Saccharin. Offers, 230/2, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

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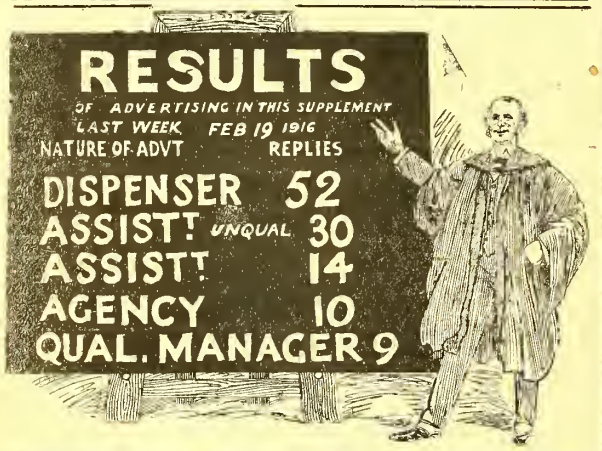

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

RETAIL.

BATH.—Wanted immediately, Assistant for good-class Dispensing business, temporary or permanent; outdoors; good salary. Apply, with full particulars, Davies & John, 15 Old Bond Street, Bath.

BIRMINGHAM.—Assistant wanted; good Dispenser; have got one who has done his bit, is there another? outdoors; hours 8.30 to 7.30; no Sunday duty; wages to commence 35s.; please send photo. Apply, Mr. Wakefield (Messrs. Bellamy & Wakefield), Pharmaceutical Chemist, 11 Highfield Road, Edgbaston.

BOSTON.—Qualified Manager, a capable energetic smart business man, one with large Store experience, to take charge of business in country town, with Agricultural connections; to a live man who can build up a somewhat neglected business upon up-to-date Store lines a liberal salary and commission; married man preferred; credentials must bear strictest investigations. Apply, Bailey, Chemist, Boston.

BURSLEM.—Assistant, Senior or Junior, not eligible for military service, for Country Wholesale and Retail; outdoors; single; short hours; several others kept; must be good Salesman. State age, height, and experience, with references and salary required, Thos. Leicester, Chemist, Burslem.

CARDIFF.—Wanted, live Assistant; good Counterman and Window-dresser; used to good-class business; short hours; half-day weekly; no Sunday duty; outdoors. Full particulars, age, salary required, etc., in first letter, please, Hicks & Co., Duke Street, Cardiff.

EASTBOURNE.—Assistant required for good-class Dispensing business; outdoors, with furnished bedroom if desired; application entertained from lady, if qualified and with good experience. Apply, with full particulars as to age, salary, experience, etc., photo (to be returned), J. G. Gould & Co., 1 Victoria Place, Eastbourne.

ERITH-ON-THAMES.—Energetic Assistant (outdoors) for brisk Retail and Dispensing business in manufacturing district; others kept; close three evenings at 8.30; half-day off weekly; no Sunday duty; good salary to suitable man. Apply, enclosing photo (to be returned), to Walter Reeson, M.P.S., Erith, Kent.

EXETER.—Manager, qualified, for Country Retail; market town; good Agricultural district; hours light. Particulars, with photo if possible, to Holman, Ham & Co., Ltd., Market Street, Exeter.

FOLKESTONE.—Assistant wanted, as soon as possible in lady or gentleman, for good-class Retail and Dispensing outdoors; others kept; hours 8 p.m., Saturdays 9.15, Wedn 1 p.m. State age, height, experience, and salary required, disengaged to F. G. Curtis & Sons, 94 Sandgate Road, Folk

GRAVESEND.—Assistant (ineligible for military servic medium-class business; must be a quick and accurat penser; outdoors. Send full particulars and salary required applicants entertained), E. Millhouse, Gravesend.

GRIMSBY.—Junior, unqualified Assistant required; ene capable man; only one ineligible for Army need apply; short; good salary; no Sunday duty; comfortable berth; out Light Retail and Dispensing. Apply, stating age, height, required, references, enclosing photo (returned), to B (Exors.), Chemists, Grimsby.

HUDDERSFIELD Industrial Society, Ltd.—Wanted, Counter Assistant for Drug department. Give full ticulars, first letter, Buxton Road, Huddersfield.

KENT.—Qualified Manager required for a well-establishe progressive business; must be about 42 and have had all-round experience; good agreement offered to the right "K." (233/141), Office of this Paper.

LANCASHIRE.—Unqualified Assistant, age about 45, for Store business; permanency; must be a first-class Cou man, and bear an irreproachable character. "P." (233/ Office of this Paper.

LIVERPOOL Suburb.—Qualified Manager for Dispensing Light Retail; growing business; must be up to date and good references; house provided for married man. State full rticulars and enclose photo (if convenient) to A. Shaw, 43 Lane, Stoneycroft, Liverpool.

LONDON, Outer Suburb.—Junior for high-class business eligible man, or lady; indoors; comfortable home; hours. Apply, stating age, height, experience, and salar quired, in first place, to "J. H." (229/38), Office of this P

LONDON, N.—At once, Manager, good Counterman; know of Photography; house over shop. Long, 155 High S Stoke Newington.

LONDON, N.—Wanted, an Assistant with good all-round perience for a middle-class Retail with N.H.I. Dispen Apply, with full particulars of experience, names of refere when disengaged, and salary required (in- or out-d "Chemist," 82 Bayston Road, Stoke Newington, N.

LONDON, North.—Junior or Improver, about 21, male, ineligible; female not objected to; good business, near station. Apply, any morning, at 61 Stroud Green Road, 11 to 2 p.m.

LONDON, S.E.—Junior wanted; ineligible; or one requ time for study; indoors. A. Peel, 7 Half Moon Lane, H Hill, S.E.

LONDON, S.W.—Required at once, a Junior Assistant with Dispensing experience. Apply to Plaister & Co., 13 Gle Terrace, South Kensington, S.W.

LONDON, W.—John F. Harrington, 15 Kensington High St requires a Junior Assistant; lady or ineligible for A Apply, stating full particulars, together with age, height, salary required (outdoors), also when disengaged, and encl photo (to be returned).

LONDON, W.—A smart Counterman, speaking French, ineli for military service. Full particulars to H. N. Dav 11 Shaftesbury Avenue, Piccadilly Circus, W.

LOWESTOFT.—A reliable Junior wanted for Light Retail Dispensing; indoors; comfortable home; good refere necessary. Apply, stating salary, age, and other particular Sale & Nurse, Pharmaceutical Chemists, Lowestoft.

MANCHESTER.—Messrs. Griffiths & Co., Chemists, Droyl require a qualified Chemist to Manage Branch; must b to date and have good references. Please send fullest de with application.

MANCHESTER District.—Qualified Manager required for g class Retail and Dispensing business; house accommoda if necessary for married man. Apply, stating usual part lars and enclosing photo if convenient, to T. Woodruff, Phar cist, Hazel Grove, Cheshire.

METROPOLITAN BOROUGH OF LAMBETH.—The Lam Metropolitan Borough Council invites applications for appointment of part-time Dispenser (male or female), at the C cil's Central Tuberculosis Dispensary, 73 Effra Road, Brixton, commencing salary of £76 19s. per annum; written applicati accompanied by copies of three recent testimonials, are to be livered to the undersigned, not later than Saturday, the day of March, 1916. Canvassing either directly or indirectly prohibited, and will disqualify, Bruce Penny, Town Clerk.

ANC ESTER.—Junior (ineligible) or Improver in a busy mi e-class business; hours Monday, Tuesday, Thursday, and riday a.m. to 8.30 p.m., Wednesday 1 o'clock, Saturday p.m. illing to arrange time off for study. Full particulars, ating ge required, to G. Marsden, 221 Chester Road, Man- ester.

EVEN AKS.—Wanted, a competent lady Dispenser for first- clas business. Apply, stating salary required (outdoors), in & well, Sevenoaks, Kent.

OUTH F ENGLAND.—Assistant required; experienced; per- ma cy, with good salary. Timothy White Co., Ltd., emists Portsmouth.

OUTH VALES.—Qualified Manager required for progressive Cash usiness; good salary and liberal interest in the profits ered to really smart and capable man. "S. W." (233/14), fice of s Paper.

EST RIDING, Yorks.—Wanted, Junior Assistant (outdoors) for ispensing business: non-eligible for military service. ply, ting age, experience, height, to 231/29, Office of this per.

ISB H.—Good all-round Assistant, accustomed to good Cou Retail and Dispensing business; hours 8.30 to p.m.; dnesdays, 1 o'clock; Saturdays, 10 p.m.; no Sunday night ty; no Panel. Apply, stating age, height, salary, erences o W. Boor, 1 High Street, Wisbech.

ORC TER.—Assistant required, principally for Dispensing. Stat ge, experience, and salary required to Anderson & go, Ch ists, Worcester.

ORKS RE.—Wanted, unqualified Senior: must be a first- class unter hand and have a thorough knowledge of modern re tra g, also Photography; permanency; good salary and spects a reliable man. Please give full particulars in first er, and nclose photo, to 231/8, Office of this Paper.

N Ass ant for evening employment three evenings per week. Bake 161 New Cross Road, S.E.

SSIST T required; ineligible for Army; must be competent Sales n and good Stock-keeper; share interest offered in rm for ood conscientious work; comfortable berth to reliable n; Sou Wales colliery trade; outdoors. Clarke, Chemist, w Tred ar.

SSIST T, unqualified, married, one used to heavy trade pre red (paint and varnishes); no Sunday duty; easy rs. Ap y, stating salary required, reference, and full par- lars, i onfidence, to C. A. George & Son, Fargate, Sheffield.

SSIST T required, of gentlemanly appearance and address, for Front Counter; hours approximately 8.45 to 6, n Sat ays; no Sunday duty. Write, giving full particulars l salar required, to "L. J. 2555," Sells' Advertising Offices, et Stre E.C.

RANC Manager, unregistered, for Outer London; must be good lesman and Window-dresser, able to increase already cessful usiness; no Sunday, Poisons, or Dispensing; com- sion or ales and increased returns; opportunity for good man nting irable permanency. State fully age, experience, and ary ex ted to "Alpha" (231/34), Office of this Paper.

HEMIS —Qualified Chemist required for Dispensing duties; quick d accurate; ineligible for Army; permanency; hours o 6. Wednesday 8 to 1; commencing salary about £168; no nter w . State age and fullest particulars of experience to nager, ior Army and Navy Stores, Ltd., Aldershot.

HEMIS S Assistant (unqualified), Counterman, required, with exper ce of good-class trade; permanency; good prospects. te age ineligible), commencing wages required, and fullest ticular of previous appointments to Manager, Junior Army l Navy tores, Union Street, Aldershot.

OMPE NT Assistant, qualified preferred (ineligible), for first-c s West-End Dispensing; staff of three; outdoors. ply by tter, giving full particulars and enclosing photo, to 2/16, ce of this Paper.

OUNT Assistant required (lady), unqualified, accustomed to Dr s and Perfumery; good appearance; hours approxi- tely 8. to 6, Saturdays 1; no Sunday duty. Write, stating erience nd salary required, to "L. J. 2556," Sells' Adver- ng Offi , Fleet Street, E.C.

ISPEN ER and Bookkeeper required. Apply, stating age, sex, erience, and salary required, with references, to Drs. bgood MacQueen, Stafford House, The Avenue, Eastbourne.

ISPEN ER-BOOKKEEPER wanted, young lady, for Doctor's er onl practi; Panel and private; board in, sleep out. Apply, by Rhode in first instance, stating particulars, salary, etc. 308 Queen's Road, Battersea Park, S.W.

IMMEDI E.—Permanent, unqualified Assistant, 30-45, good Counto an, for Light Retail, Dispensing, and Photographic iness hnson, Chemist, Milford Haven.

LADY Assistant; outdoors. Experience, age, and salary to W. W. Johnson, High Street, Llandrindod Wells.

LADY or gentleman required for high-class Dispensing business. R. W. Walden, 65 Elizabeth Street, Eaton Square, S.W.

LADY Assistant wanted (at once), for good-class Country business in the Cotswold Hills; must be accustomed to serving at Counter and Dispensing; good Saleswoman essential; comfortable permanency, with easy hours; no Sunday duty. State age, experience, height, and salary (outdoors) required, enclosing photo if possible, to R. H. Hands, Chemist, Campden, Gloucester.

LADY Assistant for Chemist's business; 30*s.* per week; permanency; must be capable Dispenser. State age and when at liberty, 233/140, Office of this Paper.

LADY Dispenser required for small special hospital in large Seaside town; terms must be moderate. Apply, "Secretary," 52 Preston Road, Brighton.

MANAGER required for a high-class Dispensing business in Swansea. Apply, in first instance, by letter, with full particulars, to "H. J. K.," 13 Curzon Street, W.

MANAGER, qualified, for lock-up City business; no Sunday duty. Apply, with full particulars, salary required, and photo, John Bain, 4 Quadrant, Lime Street, Liverpool.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects.

MILITARY Hospital.—Two lady Dispensers, employed in Military hospital in South Wales, wish to exchange with two other Dispensers holding similar posts in North of England or London district; together or separable. Address, Dispensers, Military Hospital, Pembroke Dock.

QUALIFIED Locum on Monday, for a week or two; must be steady and reliable. Full particulars, Plomley, Chemist, Kingston-on-Thames.

QUALIFIED man required for West End; short hours, 11 to 2 and 4 to 6 p.m.; salary 25*s.* weekly. Particulars to "Chemist," 30 Highdowne Road, Hove.

QUALIFIED Chemist to Manage Light Retail and Dispensing business in a large Midland town; easy hours; no Sunday or night duty. Particulars of experience, age, and salary required must be stated in first letter, 233/16, Office of this Paper.

QUALIFIED Assistant; indoors preferred; short hours; easy situation; no Sunday duty; usual half-day; N.I.D.; no fear to be called for military service; Extractor if possible, or one prepared to learn; beautiful country. Apply, giving age, salary, references, etc., "Boric" (233/29), Office of this Paper.

SAVORY & MOORE require immediately two qualified Assistants; Minor qualifications; male or female. Apply, personally, or by letter, stating experience and salary required, to 143 New Bond Street, W.

SENIOR Assistant (qualified), good Salesman and Window-dresser, with knowledge of Photography, for good-class Country business; hours 8.30 to 8; half-holiday, 1 o'clock; one hour alternate Sundays; good salary to right man. Send particulars to 229/39, Office of this Paper.

THOMPSON & CAPPER, LTD., Liverpool and Branches, have a few vacancies for unqualified Assistants who are ineligible for the Army. Send full particulars and photograph, if possible, Manesty Buildings, College Lane, Liverpool

UNQUALIFIED Assistant wanted immediately; must have had good Dispensing experience, accurate at figures, and good memory, for Pricing Prescriptions under new Tariff; salary 40*s.* weekly (outdoors); Scotsman preferred. Tranmer, Smethwick.

UNQUALIFIED Assistant required at once; must be sober, good Dispenser, willing, and used to a quick Cash trade; moderate hours and a good salary to suitable applicant. Apply personally (or enclose photo), Morton's Cash Chemists, Ltd., 199 Portobello Road, Notting Hill, W.

WANTED, for three or four months, capable Junior (lady or gentleman), if latter must be ineligible for war service, for high-class Dispensing business. Apply, with full particulars, to J. B. Pater, Pharmacist, Broomhill, Sheffield.

WANTED, reliable married man, between 50 and 60 years of age, to Manage small Drug Stores in South of England; qualification not necessary. Apply, stating full particulars and wages required, to 227/35, Office of this Paper.

WANTED, unqualified Assistant to Drug business. State age, height, salary required, and references, send photo, G. Ayre & Son, Thirsk.

WANTED, a Window-dresser, smart and up-to-date; permanency; male (ineligible) or female; must have had good experience; Toilet and Perfumery. Send full particulars and salary required, Galloway, Blackpool.

WANTED, an Assistant for a good Mixed Country business, with good-class Retail, in a small country town; healthy district; good house for married man. State age, salary, past experience, etc., say if qualified, say when disengaged, 234/2, Office of this Paper.

YOUNG lady wanted for Chemist's business in South Wales; live out. State age, experience, and salary required to 231/1, Office of this Paper.

WHOLESALE.

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SOUTH Coast and West of England, Leeds to Newcastle.—A salaried Representative required for each district; Selling experience and some Pharmaceutical training absolutely essential. Write fully, in confidence, to "Sokoto" (230/31), Office of this Paper.

ASSISTANT (ineligible) wanted for Wholesale Cash Counter; must have knowledge of Drug and Patent-medicine trade. Apply, stating wage required, and giving particulars of experience, to Goodall, Backhouse & Co., Leeds.

CHEMIST required in laboratory of Oil and Tallow Brokers; one with previous experience of testing for titre and impurities preferred; female not objected to. Address 228/6, Office of this Paper.

DRUGGISTS' Sundries, Drugs, and Specialities.—Wanted, a Traveller for an old-established Drug and Sundry house in the country, to supply vacancy through enlistment; an application from a lady who has knowledge of the Drug business and the requisite qualifications would be entertained. Apply, with particulars of age, experience, salary required, and reference as to character, to "D. S. C." (139/15), Office of this Paper.

DRUGGISTS' Sundries.—Man required, with knowledge of Sundries and Instruments, for putting up orders in Wholesale City Warehouse. Dakin Bros., Ltd., 82 Middlesex Street, Bishopsgate, E.C.

DRUGS and Chemicals.—Wanted, in the Buying Department of an Export house, Assistant, thoroughly versed in the Buying of Drugs and Chemicals; similar experience preferred; ineligible. Must state age, full particulars of experience, and salary expected, in confidence, to "East Indian," c/o Samuel Deacon & Co., 7 Leadenhall Street, E.C.

FOREWOMAN for small staff of girls wanted by London Drug house. Write, stating experience and salary required, to 141/271, Office of this Paper.

INVOICE Clerk (ineligible), with knowledge of Drug trade, wanted at once. Apply, The Secretary, The British Drug Houses, Ltd., Graham Street, City Road, N.

MAN required for goods receiving, packing, and assisting in Manufacturing Chemist's laboratory; must be ineligible. Apply, by letter, stating age, experience, and salary required, to Box No. 543, c/o Mitchell & Co., Ltd., 1 Snow Hill, E.C.

PACKING-FLOOR Under-Manager wanted by Wholesale firm of Druggists in London; a good permanent position. Write, stating age, previous experience, and salary required, to 141/27, Office of this Paper.

REQUIRED, by a Wholesale firm, a competent man for Wet Cellar. State experience and wages, 233/13, Office of this Paper.

SHIPPING Clerk wanted, male or female, experienced in Drug and Chemical trade preferred. Apply, by letter, stating age, experience, and salary required, to "H. J. K.," Burgoyne, Burbidges & Co., East Ham, E.

TABLETS (Compressed).—Experienced man wanted, to assist in management of machines and granulating; War Office work (men badged); also good Coating hand. Apply, with fullest particulars to Brook, Parker & Co., Ltd., Nelson Street, Bradford.

TYPISTS (female) wanted by firm of London Druggists, Invoicing and Shorthand. Write, stating experience and salary required, to 141/270, Office of this Paper.

WANTED.—Two Assistants in Wet-room; must be over military age or medically unfit. Apply, Taylors' Drug Co., Ltd., P.O. Box 141, Leeds.

WANTED, competent Manufacturing Chemist, able to make Salicylates according to British Pharmacopœia; excellent opportunity for bona-fide applicant. "Chemist" (137/18), Office of this Paper.

WANTED, one unqualified Assistant with good-clas not eligible for the Army; also one Drug Ware filling and despatching orders. Apply, stating pa Wilson & Kitchin, Wholesale and Retail Chemists,

WANTED at once, in the Buying Department of Wholesale Druggist's, a Clerk who has a knowl trade and is quick at figures. Write, giving full pa "D." (142/28), Office of this Paper.

WANTED, by Wholesale house, reliable men for work, Filling and Finishing; also two youths Warehouse work; ineligible for military service. Ap ally or by letter, to Stevenson & Howell, Ltd., 95a Street, S.E.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for **50** words or less; **6d.** for every **10** w beyond, prepaid. The **Advertiser** may, if preferred, addressed to this Office, and forwarded on payment of a charge of **6d.**

SCANDINAVIAN Representative.—An extended bus paign is now being arranged, with view of open developing of British trade in Scandinavia, and establ manent representation in each country. Firms desiring ate should write fully to The Secretary, Anglo-Sc General Trust and Agency, Ltd., 34 Victoria Street, W London.

SITUATIONS WANTE

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, ha addressed to this Office, and forwarded on payme additional charge of **6d.**

[HOME.] RETAIL.

ACTIVE; unqualified; married; 24; 10 years' good experience; disengaged; permanency. 232/28, Offi Paper.

AN elderly, qualified Chemist is open to an en Chemist or Doctor, Clapham, Tooting neighbourh hours; moderate terms. "P," 33 Louisville Road, Balh

ASSISTANT, 17, desires situation; experienced; Lo ferred. "Aspirin," 342 City Road, London.

ASSISTANT; disengaged shortly; 25 years' wide e unregistered. Smith, 12 Drayton Road, King's H mingham.

ASSISTANT; 26; ineligible Army; 11 years' good e competent Dispenser, Prescriber, Window-dresse grapher; able take charge; good references; near Sc ferred. 231/18, Office of this Paper.

COMPETENT and reliable Managing Assistant (un desires permanency; first-class Salesman and Cou long experience in high-class and latest Store business; age 40. "G.," 60 Walm Lane, Willesden Green, N.W.

DISPENSER (woman), Hall qualification, speaks requires post in London or Suburbs. Address, Miss Aadneven, Bedford.

DISPENSER; ex-Army Compounder; 3 years' Medical lum. "Alpha," 28 Park Grove, West Ham.

DISPENSER, Bookkeeper, and Surgery Assistant, desires post with Doctor or Institution; ineligible; no encumbrances; experienced and abstainer; permane ferred; present post six years. W. Watts, 54 Quarry Guildford.

DISPENSER-SECRETARY, lady (qualified), Shorthan writing, own machine, seeks part-time, Locum, o nent post with Doctor or Institution. Address, "New Ze (228/28), Office of this Paper.

EVENINGS; qualified; up-to-date experience. "Pha 100 Denbigh Street, Victoria, S.W.

EXPERIENCED, unqualified, Manager, Dispenser, W entertained; 29; married. "North," 2 Leadyard, Da

AN, honest, reliable, ineligible, formerly Assistant in France, seeks employment; could also, if necessary, in French conversation; Part-time preferred; mode-, Office of this Paper.

S or Infirmaries; as experienced Dispenser; in- "G.," 10 Grange Road, Plaistow.

penser (Apothecaries' Hall), age 23, desires post ord, Wickford, or district in Essex near; some ex- s Wild, Trevone, Shenfield.

penser (Apothecaries' Hall certificate) seeks post with Man or public Institution; temporary or permanent. E. Gleave, 7 Church Road, Brixton, S.W.

Temporary; 22; ineligible; unqualified. Cohen, Belvoir Road, Coalville.

xperienced; abstainer; booking forward; qualified; Major, 111 Royal Parade, Eastbourne.

military hospital; 45; qualified; town, country ce; disengaged. Portlock, Wotton-under-Edge.

Temporary; qualified; thoroughly experienced in ranch of the trade; disengaged March 1. "N.," Road, Clapham.

ens; qualified; first-class experience; excellent refer- nney, Egloskerry, North Cornwall.

country district; disengaged March 4; qualified; ; excellent references; first-class experience; ener- g forward. Dewey, 3 Helena Avenue, Margate.

IENT, good-class, with or without house, in or ondon, wanted by Ph.C.; 30; married; 16 years' st-End and provincial experience; advertiser knows is thoroughly reliable, and has excellent refer- 4, Office of this Paper.

or Assistant; 44; well up in Dispensing, Counter, scribing; good reference; disengaged; unregistered. 8 Smith Riding, Linthwaite, nr. Huddersfield.

; unqualified; competent Dispenser, Prescriber, and man; disengaged shortly; married, no family; good references. Chemist, 17 Clifton Road, Little- sex.

or Assistant; qualified; 31; disengaged. Smith, rfold Road, Stockwell, S.W.

; qualified; aged 47; City or N. London preferred. rms, 231/9, Office of this Paper.

(qualified), West End or City, wishes to improve tion; highly capable and energetic. 206/9, Office r.

or Locum; middle-aged; active; varied experience; country; best references; disengaged. "M.P.S." e of this Paper.

wants situation; up-to-date trading; experienced used to controlling staff; Major qualification. Write, 16 Spring Street, Bury, Lancashire.

qualified (36), married, desires post in London or England; reliable and energetic; abstainer; all to handling staff. 233/25, Office of this Paper.

33; ineligible; qualified; capable; reliable; good er, Salesman; excellent references. "B. R." e of this Paper.

qualified, experienced, desires permanency; Pre- Extractor. "Chemist," 23 West Street, Minehead.

qualified; 42; reliable; capable; good all-round e; excellent reference; London or Southern Coun- 100 Culverley Road, Catford.

, 32, married, desires position as Manager; ex- ferences. "Minor," 60 Schofield Street, Clayton,

, married, 29, wants engagement; reasonable hours. te salary offered in reply to "Statim," 61 Lans- Croydon.

; elderly; with good modern experience; expert can take Management; want easy hours; moderate near London; 4 years present position. State ns, "Spiro" (232/23). Office of this Paper.

Chemist, Hospital Dispenser, disengaged evenings ional afternoon; London. Apply, "Experienced". e of this Paper.

Chemist wants situation; experienced, active; nge. 233/40, Office of this Paper.

RUSSIAN Pharmacist; 23; tall; wide experience, Continental and English, Dispensing, Laboratory work; full or part time. Shiffriu, 16 Grosvenor Road, Canonbury, N.

THOROUGHLY competent Assistant; West-End Dispensing experience; middle-aged; used N.H.I.; tall; London or Suburbs; moderate salary; outdoors. "B.," 4 the Parade, Sudbury, Harrow, Middlesex.

UNQUALIFIED; ineligible; married; 15 years' all-round experience. Granger, 80 Lea Road, Wolverhampton.

UNQUALIFIED Manager or Doctor's Dispenser; life abstainer; married; 42; 5 feet 8 inches; 26 years' highest references; 5 years with Veterinary Surgeon; 2 years Doctor's Dispenser; year Dentist's Extractor; 12 years Drug-store proprietor; remainder Chemist's Assistant and Manager; thoroughly reliable; liberty about month; permanency; 50s. or near. "Pleasant" (230/3), Office of this Paper.

UNQUALIFIED; 62; Counter, Dispensing. Emerson, White City, Broadway, Worcester.

UNQUALIFIED; 32; single; 14 years' all-round experience; ineligible military service. Roberts, 3 Margarets Buildings, Brock Street, Bath.

WHOLESALER desires return Retail; been doing N.H.I. evening Dispensing; Minor man. Reply (letter), Stewart, 8 Edith Grove, Chelsea, S.W.

YOUTH, 17 years, finished 4 years' course Technical School, wants situation with Wholesale, Retail, or Manufacturing Chemist. Apply, Donnison, Endlebury Road, Chingford.

WHOLESALE.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

ADVERTISER, ineligible for military service, unqualified, aged 29, seeks position as Representative (Ireland preferable) for good house; salary and commission; 11 years' experience (Ireland and London, West End) Retail and Dispensing; excellent references. Full particulars to "Zealous" (228/4), Office of this Paper.

ADVERTISER, 5 years' excellent experience in Advertising Surgical Rubber Goods and 11 years in general publicity, wants change; accept Travelling or Publicity appointment. Apply, 232/19, Office of this Paper.

F. S. MARSDEN; 12 years Messrs. Warrick Bros.; ground, N. West, Midlands, West, N. and S. Wales; ineligible military service. 22 Cotton Lane, Moseley, Birmingham.

QUALIFIED Pharmacist, over military age, wishes to Represent Wholesale house; bankers' and other references. 232/25, Office of this Paper.

REPRESENTATIVE; London and 50 miles radius; exceptionally well known to the trade; 12 years' real selling experience on this ground; Proprietaries, Drugs, and Perfumery; good record; first-class references; shortly disengaged. Apply, 234/13, Office of this Paper.

TOWN Traveller (ineligible), well known to Chemists, etc., in London and suburbs, is at liberty to take up another Agency for a known Proprietary Article; good business is assured for a saleable line. Reply, 230/35, Office of this Paper.

TRAVELLING Representative, gentleman, all-round experience, seeks position, home or abroad; well known Ceylon, Southern India, Burma, Straits Settlements. Address, 228/30, Office of this Paper.

YOUNG Chemist (26), ineligible, 10 years' experience in Pharmaceutical, Perfumery, Galenical, and Chemicals, unqualified, capable supervisor, desires permanency. 232/16, Office of this Paper.

MISCELLANEOUS.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOPFITTINGS (SECOND-HAND).—12-ft. Mahogany and Plate-glass Serving Counter, £9 10s.; Mahogany and Plate-glass Perfumery Showcase and Desk, Mirror back and Plate-glass shelves, 58s.; 8-ft. Mahogany and Bent Plate-glass Counter-case, with Display and Serving Shelves, £6 17s. 6d.; 10-ft. handsome Piano Wall Showcase, great bargain, £21; quantities of other cheap lines. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

CHEMIST'S good second-hand 12-ft. Mahogany Drug Fitting, 6-ft. Mahogany Disponsing Screen and Counter, 4-ft. Mahogany Wall-case; 10-ft. Glass-fronted Counter; Nest of Counter Drawers; Perfumery Case and Desk; 4-ft. Bent Glass Counter Case; the lot £45; bargain; cheapest house for Window Enclosures, Mirrors, Glass Sholves, modern Shop Fronts, Improvements, etc.; plans prepared; estimates free. Mills, Shopfront, Shopfitting, and Glass Facia Works, 163-165 Old Street, London, E.C. 'Phone London Wall 550.

BEST cash price paid for all old Cameras, any make, also all old Photo goods, no matter how damaged; any kind you may have send them along; cash will be sent same day; no waiting; we buy all and return nothing. S. E. Hackett, 23 July Road, Liverpool.

PHENOLPHTHALEIN, 30 to 40 lb. for Sale. Offers to R. Demuth's Laboratories, 68 Salusbury Road, Kilburn, London, N.W.

8/6 3 Years 4 Columns

Jay Mack's Ledger

A Yorkshire Chemist watched me (February 2) make my week's entries in 5 minutes. He has two shops, and bought a 10/6 set.

10/6 4 Years 5 Columns

On appro. on receipt of cheque. Booking fee if returned.

MACK - IVOR, hightown P.O., Crewe. | AYRTONS, BLEASDALES, EVANS, RAIMES (Edinb.).

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz. Plain or graduated.
BEST QUININE, TINTED.—3 and 4 oz., 6 and 8 oz., 12 oz., 16 oz. Plain or graduated.
WHITE PHIALS.—½ oz., 1 oz., 1½ oz., 2 oz. Plain or teaspoons.
BLUE LOTION BOTTLES.—½ oz., 1 oz., 1½ oz., 2 oz., 3 oz., 4 oz., 6 oz., 8 oz., 12 oz.
PANEL BOTTLES.
We send six gross assorted or otherwise, carriage paid within seven miles, and to certain stations. Particulars on application.
CORKS.
Good quality. No advance in price: 6 and 8 oz. bottles, 9d. per gross in 6 gross bags. Vials 6d. per gross in 3 gross bags.

I. ISAACS & CO.,

106 MIDLAND ROAD, ST. PANCRAS, LONDON, N.W.

The ISLINGTON BOTTLE COMPANY, 7 New Inn Yard, Tottenham Court Road, London, W.
Orders sent to either establishment have attention.
Established 100 Years.

WAR WANTS EXCHANGE.

The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of **1/-** for six words or less; **2d.** per word beyond, prepaid. Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "THE CHEMIST AND DRUGGIST."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Bromine (233/21)
Eugallol (233/21)
Lactic acid conc. (233/21)
Naftalan (233/21)
Pot. bromid. (231/14)
Pyramidon, powder or tablets (231/14)
Pyramidon tablets (gr. 5) (233/21)
Trional (231/14)

FOR DISPOSAL.

Bona-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Acid. acetylsal., 8 oz. (233/32)
Antipyrin, 4 oz., and 200 tablets, gr. 5, coated (233/32)
Acid. salicyl., ½ lb. (228/32), and 3 lb. (231/40)
Benzo - naphthol, 1 oz. (228/32)
Chloralamide, ½ oz. (228/32)
Hydroquinone, 2 lb. (234/7)
Metol (Hauff.), 4-oz. and few 1-oz. bottles (original) (234/7)
Metol, 3 oz. (228/32)
Orthoform, 1 oz. (214/1)
Phenacetin, 1 lb. (228/32)
Phenalgin, 1 oz. (214/1)
Phenazonum (231/40)
Phenocoll murias, 10 oz. (214/1) and 1 oz. (228/32)
Pot. bromide, B.P., crystals, 13 lb. (234/7)
Pot. permang. pulv., 8 lb. (232/2)
Quin. sulph., 50 oz. (231/40)
Quinin. valer., 1 oz. (228/32)
Quin. sulph. (Howards'), 25-oz. tin (234/7)
Salol, 4 oz., and 1 lb. (233/32)
Salophen, 1 oz. (214/1)
Sod. salicyl. crystals (Scheering), 6 lb. (232/2)
Sod. salicyl. (B.V.), 3 lb. (228/32)
Sulphonal, 3 oz. (232/2)
Sulphonal tablets, 1 lb. (233/32)
Styracol, 1 oz. (228/2)
Theobromine, 1 oz. (228/32)
Trional, 1 oz. (214/1)
Validol, 2 × 1 oz. (214/1)

EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number.
No advertisement inserted for less than 6d.

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FOR DISPOSAL.

BOOKS AND PERIODICALS.

WHAT offer for B.P. 1914, slightly soiled? "Pharmacist," 239 Roundhay Road, Leeds.

DENTAL.

HARVARD dental pump chair, foot engine, show-case, cabinet. Apply, 233/39, Office of this Paper.

DRUGS AND CHEMICALS.

WHAT offers? 350 phenacetin tablets, gr. v. Milnes, 1 Heap, Brighouse, Yorks.

2 lb. jewellers' rouge, 6s.; 2½ lb. pulv. pot. bichr., 4d.; 1 oz. caffein. pur., 2s. 10d.; ℥v. salophen, 2s. 3d.; ℥ii. lactic., B.P., 6s. 9d.; 56 lb. glycerin, 1.260. Offers wanted. Dickson Road, Blackpool.

SURPLUS Stock.—What offers? 1 lb. hydrokinone, 1 oz. codein, ℥iij. atrop. sulph., 8 oz. butyl-chlor. hyd., 8 oz. chloral hydrat., ℥ij. piperazine pur., 9 doz. Keene's one-night corn-cure, 6 doz. daisy powders, small size. Gee, Chemist, Leek.

ATROPIN. sulph., 60 grains, 17s.; 12 oz. bismuth lactate (Howards'), 1s. 6d. oz.; 6 oz. sulphonal, 3s. oz. 1½ oz. thymol, 2s. 9d. oz.; 2 lb. hydrarg. perchlor., 6s. gr. 8 oz. ol. sabinæ flav., 1s. oz. "Pharmacist," 239 Roundhay Road, Leeds.

SHOP FITTINGS.

WHAT offers? 20 gross ointment tins, ¾ oz., 6 gross ointment tins, 2 oz. each. O. Wilson, B.Sc., Collingham, near Leeds.

3 2-gall. pear-shape carboys, plain stoppers, 5s. each; 4-gall. ditto, cut stopper, 12s. 6d.; 2 212W. Maw's ship stands, 17s. 6d. each, carriage forward. S. Carter, Chemist, Preston.

WANTED.

INSURANCE slide rule, Maw's. State price, 228/3, Office of Paper.

SOD. tart. pulv.; offers requested. State make and price. 30/1, Office of this Paper.

TIN boxes of all descriptions; any quantity for cash. Edson, 19 Balmoral Road, Fallowfield, Manchester.

WANTED, lensmeter and one pair of crutches, 4 ft. long, second-hand. Wolfe, Chemist, Kinsale.

WANTED, second-hand typewriter, almost new. State lowest price, McMullan, Chemists, Larne.

TINS, vaseline, ointments, salves, plain or labelled; any quantity wanted for cash. Levers, 56 Chapel Street, Manchester.

OPTICAL books, Minor, Major, Chemists' books; send price and valuation; cash offers per return. Gower, Bookseller, Clapham Road, Clapham, S.W.

WANTED, scrap non-flam. films in quantity; also ordinary and all kinds of waste celluloid. Box 101, Osborn Co., Ltd., 82 Gordon Street, Glasgow.

Printed for the Proprietors by SPOTTISWOODE & CO., LTD., New-street Square, and Published by the Proprietors at 42 Street, in the City of London.—*February* 26, 1916.

"Some of the

Vaseline

(Trade Mark Registered)

"Specialities and their Prices,

which are subject to change without notice.

YELLOW.

BLUE SEAL

ENNY TINS	7/3	per gross
WOPENNY TINS	13/6	,,
o. 1 size, in boxes of 1 gross ...	19/-	,,
,, 1 ,, ,, 3 dozen ...	19/3	,,
,, 2 ,, ,, 1 ,, ...	38/-	,,
Clapsible tubes, No. 1 size, 2/9. No. 2 size, 5/6 doz.		
N 1 size, bottle, in cardboard case ...	3/3	per doz.
2 ,, ,, ,, ,, ...	5/6	,,
b. tins, round	6/6	,,
b. ,, square	10/6	,,
b. ,, ,, ...	34/-	,,
10b. ,, ,, ...	5/8	per tin
25b. ,, ,, ...	13/6	,,
50b. ,, ,, ...	26/-	,,

WHITE.

Tpenny Tins (3 dozen in box) ...	13/6	per gross
Clapsible tubes, No. 1 size	3/6	per doz.
,, ,, ,, 2 ,, ...	5/6	,,
Be Seal, in bottle, carton	3/9	,,
N 1, 3 oz. size, in cartons	6/-	,,
2, 6 ,, ,, ...	10/-	,,
b. tins, round ,, ...	10/-	,,
b. ,, square ,, ...	17/-	,,
5b. ,, ,, ,, ...	63/-	,,
10b. ,, ,, ,, ...	10/-	per tin
25b. ,, ,, ,, ...	24/-	,,
50b. ,, ,, ,, ...	46/-	,,

RED or VETERINARY.

b. tins, round	5/-	per doz.
b. ,, square	7/-	,,
5b. ,, ,, ...	24/-	,,
10b. ,, ,, ...	4/-	per tin
25b. ,, ,, ...	8/-	,,
50b. ,, ,, ...	14/-	,,

ARBOLATED - VETERINARY.

b. tins	7/-	per doz.
5b. ,, ...	2/3	per tin
10b. ,, ...	4/6	,,

COLD CREAM.

Tpenny tins (3 dozen in box) ...	16/-	per gross
Tbes, No. 1 size	5/-	per doz.
,, 2 ,, ...	8/6	,,
N 1 size, opal pot aluminium lid	3/6	,,
,, 2 ,, ... ,, ,,	5/3	,,
,, 3 ,, ... ,, ,,	8/6	,,
,, 4 ,, Artist's size ,, ,,	17/-	,,
,, 5 ,, ... ,, ,,	8/6	,,
,, 6 ,, ... ,, ,,	17/-	,,

CAMPHOR ICE.

Fcy tin box	3/3	per doz.
Fcy tubes	3/3	,,

SULPHO for DOGS.

In jars	9/3	per doz.
In 5-lb. tins	4/8	each.
10-lb. tins	8/-	,,

WHITE LIQUID PETROLEUM.

No. 0 size bottle	8/3	per doz.
,, 1 ,, ,, ...	16/6	,,
,, 2 ,, ,, ...	24/9	,,

Analgic	10/-	per doz. tubes.	Collapsible tubes, including Government Stamp.
Borated ...	6/6, 10/-	,,	
Camphorated ...	6/6, 10/-	,,	
Capsicum ...	6/6, 10/-	,,	
Carbolated ...	6/6, 10/-	,,	
Mentholated ...	6/6, 10/-	,,	
Oxide of Zinc ...	6/6, 10/-	,,	

PERFUMED WHITE.

Collapsible Tubes	4/6	per doz.
Blue Seal (boxes of 1 dozen)	5/6	,,
No. 1 (bottle in carton)	8/6	,,
,, 2 size, handsome bottle in carton, with glass stoppers	13/-	,,

HAIR TONIC.

No. 1 size	9/-	per doz.
,, 2 ,, ...	18/-	,,

POMADE.

BLUE SEAL

No 1 size, in boxes of 1 gross ...	21/-	per gross
,, 1 ,, ,, 3 dozen ...	21/6	,,
,, 2 ,, ,, 1 ,, ...	66/-	,,
Collapsible Tubes...	3/-	per doz.
No. 1 size, bottle, in cardboard case ...	4/-	,,
,, 2 ,, ,, ,, ,, ...	8/-	,,
White and Quinine Pomade	8/6	,,

PERFUMED OIL.

One size, in bottles (for the Hair) ... 7/- per doz.

"VASELINE" SOAPS.

UNSCENTED.

3d. tablets, boxes of ½ doz. tablets, **30/-** per gross tablets.

PERFUMED.

3d. tablets, boxes of ½ doz. tablets, **30/-** per gross tablets.

SUPERFINE.

Delicately perfumed, box of 3 tablets, **5/6** per doz. tablets.

TAR.

3d. tablets, boxes of 6 tablets ... **30/-** per gross tablets.

CHESEBROUGH MANFG. CO. (Consolidated), NEW YORK.

42 HOLBORN VIADUCT, LONDON.

COMPLETE PRICE LIST SENT ON APPLICATION.

FORMALIN THROAT TABLETS

SALES BIGGER THAN EVER!

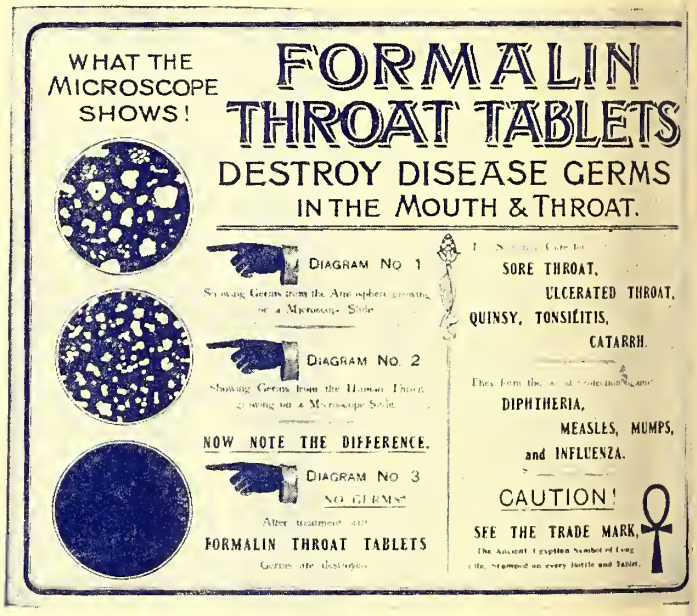
FREE SHOWCARDS.

PRICE
4/3
PER DOZEN.

4/-
PER DOZEN
FOR
12 DOZEN.

STYLE C.

PROTECTED SELLING PRICE **10½d.**



A NEW LINE!

Favoured by the Doctors.

Same style get-up as Formalin Throat Tablets.

IODISED THROAT TABLETS

FORMULA.		
Tinct. Iodi	... ...	♏ $\frac{1}{5}$
Acid Carbol.	... ...	gr. $\frac{1}{10}$
Menthol ...	... ...	,, $\frac{1}{30}$
Acid Citric	... }	aa. q.s.
Sacch. Alb.	... }	ad gr. 12

PRICE
4/6
PER DOZEN.

THE STANDARD TABLET & PILL Co.
LIMITED
HOVE, ENG.

Printed for the Proprietors by SPOTTISWOODE & Co., LTD., New-street Square, E.C.; and Published by the Proprietors at 42 Cannon Street, in the City of London.—*February* 26, 1916.